

Appendix D: Economic Analysis Data

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**U.S. Econ.
Value Added
(Percent)**

L/L Capacity Loss-->	U.S. Econ. Value Added (Percent)	10%	20%	30%	40%	50%	60%	70%	80%	90%	100%
1 Livestock	0.45%	2.37%	7.11%	11.84%	16.58%	21.32%	26.05%	30.79%	35.53%	40.26%	45.00%
2 Agr. Prod.	1.06%	3.68%	11.05%	18.42%	25.79%	33.16%	40.53%	47.89%	55.26%	62.63%	70.00%
3 AgServ For. Fish	0.11%	2.37%	7.11%	11.84%	16.58%	21.32%	26.05%	30.79%	35.53%	40.26%	45.00%
4 Mining	3.89%	0.79%	2.37%	3.95%	5.53%	7.11%	8.68%	10.26%	11.84%	13.42%	15.00%
5 Construction	5.52%	2.63%	7.89%	13.16%	18.42%	23.68%	28.95%	34.21%	39.47%	44.74%	50.00%
6 Food Tobacco	2.41%	3.68%	11.05%	18.42%	25.79%	33.16%	40.53%	47.89%	55.26%	62.63%	70.00%
7 Textile Goods	0.37%	3.68%	11.05%	18.42%	25.79%	33.16%	40.53%	47.89%	55.26%	62.63%	70.00%
8 Misc Text. Prod.	0.73%	3.68%	11.05%	18.42%	25.79%	33.16%	40.53%	47.89%	55.26%	62.63%	70.00%
9 Lumber & Wood	0.52%	2.63%	7.89%	13.16%	18.42%	23.68%	28.95%	34.21%	39.47%	44.74%	50.00%
10 Furniture	0.34%	2.63%	7.89%	13.16%	18.42%	23.68%	28.95%	34.21%	39.47%	44.74%	50.00%
11 Pulp & Paper	0.87%	3.16%	9.47%	15.79%	22.11%	28.42%	34.74%	41.05%	47.37%	53.68%	60.00%
12 Print & Publish	1.31%	1.58%	4.74%	7.89%	11.05%	14.21%	17.37%	20.53%	23.68%	26.84%	30.00%
13 Chemical & Drugs	1.40%	4.21%	12.63%	21.05%	29.47%	37.89%	46.32%	54.74%	63.16%	71.58%	80.00%
14 Petrol. Refining	0.96%	2.63%	7.89%	13.16%	18.42%	23.68%	28.95%	34.21%	39.47%	44.74%	50.00%
15 Rubber & Plastic	1.03%	2.63%	7.89%	13.16%	18.42%	23.68%	28.95%	34.21%	39.47%	44.74%	50.00%
16 Leather Prods.	0.12%	2.63%	7.89%	13.16%	18.42%	23.68%	28.95%	34.21%	39.47%	44.74%	50.00%
17 Glass Stone Clay	0.62%	2.63%	7.89%	13.16%	18.42%	23.68%	28.95%	34.21%	39.47%	44.74%	50.00%
18 Prim. Metal Prod.	1.04%	4.74%	14.21%	23.68%	33.16%	42.63%	52.11%	61.58%	71.05%	80.53%	90.00%
19 Fab. Metal Prod.	1.64%	4.21%	12.63%	21.05%	29.47%	37.89%	46.32%	54.74%	63.16%	71.58%	80.00%
20 Mach. Exc. Elec.	1.56%	3.16%	9.47%	15.79%	22.11%	28.42%	34.74%	41.05%	47.37%	53.68%	60.00%
21 Elec. & Electron	2.52%	4.74%	14.21%	23.68%	33.16%	42.63%	52.11%	61.58%	71.05%	80.53%	90.00%
22 Transport Eq.	2.62%	3.16%	9.47%	15.79%	22.11%	28.42%	34.74%	41.05%	47.37%	53.68%	60.00%
23 Instruments	0.68%	4.74%	14.21%	23.68%	33.16%	42.63%	52.11%	61.58%	71.05%	80.53%	90.00%
24 Misc. Manufact.	0.89%	3.16%	9.47%	15.79%	22.11%	28.42%	34.74%	41.05%	47.37%	53.68%	60.00%
25 Transp & Whse.	3.46%	1.05%	3.16%	5.26%	7.37%	9.47%	11.58%	13.68%	15.79%	17.89%	20.00%
26 Utilities	5.89%	2.11%	6.32%	10.53%	14.74%	18.95%	23.16%	27.37%	31.58%	35.79%	40.00%
27 Wholesale Trade	5.63%	1.05%	3.16%	5.26%	7.37%	9.47%	11.58%	13.68%	15.79%	17.89%	20.00%
28 Retail Trade	5.63%	1.05%	3.16%	5.26%	7.37%	9.47%	11.58%	13.68%	15.79%	17.89%	20.00%
29 F.I.R.E.	16.64%	1.05%	3.16%	5.26%	7.37%	9.47%	11.58%	13.68%	15.79%	17.89%	20.00%
30 Pers./Prof. Serv.	8.03%	1.05%	3.16%	5.26%	7.37%	9.47%	11.58%	13.68%	15.79%	17.89%	20.00%
31 Eating Drinking	2.12%	4.21%	12.63%	21.05%	29.47%	37.89%	46.32%	54.74%	63.16%	71.58%	80.00%
32 Auto Serv.	1.09%	0.53%	1.58%	2.63%	3.68%	4.74%	5.79%	6.84%	7.89%	8.95%	10.00%
33 Amuse & Rec.	0.70%	4.21%	12.63%	21.05%	29.47%	37.89%	46.32%	54.74%	63.16%	71.58%	80.00%
34 Health Ed. Soc.	6.30%	2.11%	6.32%	10.53%	14.74%	18.95%	23.16%	27.37%	31.58%	35.79%	40.00%
35 Govt & Govt Ind.	11.79%	1.32%	3.95%	6.58%	9.21%	11.84%	14.47%	17.11%	19.74%	22.37%	25.00%
36 Households	0.25%	2.11%	6.32%	10.53%	14.74%	18.95%	23.16%	27.37%	31.58%	35.79%	40.00%
TOTAL	100.00%	2.70%	8.11%	13.52%	18.93%	24.34%	29.75%	35.16%	40.57%	45.98%	51.39%
		Avg.	Avg.	Avg.	Avg.	Avg.	Avg.	Avg.	Avg.	Avg.	Total V.A Pct. V.A

Table D-2 Percent Value-Added Lost Due to Specified Percent Loss of Electric Lifeline

L/L Capacity Loss-->	U.S. Econ. Value Added (Percent)	10%	20%	30%	40%	50%	60%	70%	80%	90%	100%
1 Livestock	0.45%	2.63%	7.89%	13.16%	18.42%	23.68%	28.95%	34.21%	39.47%	44.74%	50.00%
2 Agr. Prod.	1.06%	2.63%	7.89%	13.16%	18.42%	23.68%	28.95%	34.21%	39.47%	44.74%	50.00%
3 AgServ For. Fish	0.11%	2.63%	7.89%	13.16%	18.42%	23.68%	28.95%	34.21%	39.47%	44.74%	50.00%
4 Mining	3.89%	4.74%	14.21%	23.68%	33.16%	42.63%	52.11%	61.58%	71.05%	80.53%	90.00%
5 Construction	5.52%	2.11%	6.32%	10.53%	14.74%	18.95%	23.16%	27.37%	31.58%	35.79%	40.00%
6 Food Tobacco	2.41%	4.74%	14.21%	23.68%	33.16%	42.63%	52.11%	61.58%	71.05%	80.53%	90.00%
7 Textile Goods	0.37%	5.26%	15.79%	26.32%	36.84%	47.37%	57.89%	68.42%	78.95%	89.47%	100.00%
8 Mlso Text. Prod.	0.73%	5.26%	15.79%	26.32%	36.84%	47.37%	57.89%	68.42%	78.95%	89.47%	100.00%
9 Lumber & Wood	0.52%	5.26%	15.79%	26.32%	36.84%	47.37%	57.89%	68.42%	78.95%	89.47%	100.00%
10 Furniture	0.34%	5.26%	15.79%	26.32%	36.84%	47.37%	57.89%	68.42%	78.95%	89.47%	100.00%
11 Pulp & Paper	0.87%	5.26%	15.79%	26.32%	36.84%	47.37%	57.89%	68.42%	78.95%	89.47%	100.00%
12 Print & Publish	1.31%	5.26%	15.79%	26.32%	36.84%	47.37%	57.89%	68.42%	78.95%	89.47%	100.00%
13 Chemical & Drugs	1.40%	4.74%	14.21%	23.68%	33.16%	42.63%	52.11%	61.58%	71.05%	80.53%	90.00%
14 Petrol. Refining	0.96%	5.26%	15.79%	26.32%	36.84%	47.37%	57.89%	68.42%	78.95%	89.47%	100.00%
15 Rubber & Plastic	1.03%	5.26%	15.79%	26.32%	36.84%	47.37%	57.89%	68.42%	78.95%	89.47%	100.00%
16 Leather Prods.	0.12%	5.26%	15.79%	26.32%	36.84%	47.37%	57.89%	68.42%	78.95%	89.47%	100.00%
17 Glass Stone Clay	0.62%	5.26%	15.79%	26.32%	36.84%	47.37%	57.89%	68.42%	78.95%	89.47%	100.00%
18 Prim. Metal Prod.	1.04%	4.74%	14.21%	23.68%	33.16%	42.63%	52.11%	61.58%	71.05%	80.53%	90.00%
19 Fab. Metal Prod.	1.64%	5.26%	15.79%	26.32%	36.84%	47.37%	57.89%	68.42%	78.95%	89.47%	100.00%
20 Mach. Exc. Elec.	1.56%	5.26%	15.79%	26.32%	36.84%	47.37%	57.89%	68.42%	78.95%	89.47%	100.00%
21 Elec. & Electron	2.52%	5.26%	15.79%	26.32%	36.84%	47.37%	57.89%	68.42%	78.95%	89.47%	100.00%
22 Transport Eq.	2.62%	5.26%	15.79%	26.32%	36.84%	47.37%	57.89%	68.42%	78.95%	89.47%	100.00%
23 Instruments	0.68%	5.26%	15.79%	26.32%	36.84%	47.37%	57.89%	68.42%	78.95%	89.47%	100.00%
24 Misc. Manufact.	0.69%	5.26%	15.79%	26.32%	36.84%	47.37%	57.89%	68.42%	78.95%	89.47%	100.00%
25 Transp & Whse.	3.46%	1.58%	4.74%	7.89%	11.05%	14.21%	17.37%	20.53%	23.68%	26.84%	30.00%
26 Utilities	5.89%	4.21%	12.63%	21.05%	29.47%	37.89%	46.32%	54.74%	63.16%	71.58%	80.00%
27 Wholesale Trade	5.63%	4.74%	14.21%	23.68%	33.16%	42.63%	52.11%	61.58%	71.05%	80.53%	90.00%
28 Retail Trade	5.63%	4.74%	14.21%	23.68%	33.16%	42.63%	52.11%	61.58%	71.05%	80.53%	90.00%
29 F.I.R.E.	16.64%	4.74%	14.21%	23.68%	33.16%	42.63%	52.11%	61.58%	71.05%	80.53%	90.00%
30 Pers./Prof. Serv.	8.03%	4.74%	14.21%	23.68%	33.16%	42.63%	52.11%	61.58%	71.05%	80.53%	90.00%
31 Eating Drinking	2.12%	4.21%	12.63%	21.05%	29.47%	37.89%	46.32%	54.74%	63.16%	71.58%	80.00%
32 Auto Serv.	1.09%	4.74%	14.21%	23.68%	33.16%	42.63%	52.11%	61.58%	71.05%	80.53%	90.00%
33 Amuse & Rec.	0.70%	4.21%	12.63%	21.05%	29.47%	37.89%	46.32%	54.74%	63.16%	71.58%	80.00%
34 Health Ed. Soc.	6.30%	4.21%	12.63%	21.05%	29.47%	37.89%	46.32%	54.74%	63.16%	71.58%	80.00%
35 Govt & Govt Ind.	11.79%	3.16%	9.47%	15.79%	22.11%	28.42%	34.74%	41.05%	47.37%	53.68%	60.00%
36 Households	0.25%	4.21%	12.63%	21.05%	29.47%	37.89%	46.32%	54.74%	63.16%	71.58%	80.00%
TOTAL	100.00%	4.52%	13.55%	22.59%	31.62%	40.66%	49.69%	58.73%	67.76%	76.80%	85.83%
		Avg.	Avg.	Avg.	Avg.	Avg.	Avg.	Avg.	Avg.	Avg.	Total V.A Pct. V.A

Percent Value-Added Lost Due to Specified Percent Loss of Oil Supply Lifeline

L/L Capacity Loss-->	U.S. Econ. Value Added (Percent)	10%	20%	30%	40%	50%	60%	70%	80%	90%	100%
1 Livestock	0.45%	2.63%	7.89%	13.16%	18.42%	23.68%	28.95%	34.21%	39.47%	44.74%	50.00%
2 Agr. Prod.	1.06%	4.21%	12.63%	21.05%	29.47%	37.89%	46.32%	54.74%	63.16%	71.58%	80.00%
3 AgServ For. Fish	0.11%	4.21%	12.63%	21.05%	29.47%	37.89%	46.32%	54.74%	63.16%	71.58%	80.00%
4 Mining	3.89%	4.74%	14.21%	23.68%	33.16%	42.63%	52.11%	61.58%	71.05%	80.53%	90.00%
5 Construction	5.52%	4.74%	14.21%	23.68%	33.16%	42.63%	52.11%	61.58%	71.05%	80.53%	90.00%
6 Food Tobacco	2.41%	2.63%	7.89%	13.16%	18.42%	23.68%	28.95%	34.21%	39.47%	44.74%	50.00%
7 Textile Goods	0.37%	2.63%	7.89%	13.16%	18.42%	23.68%	28.95%	34.21%	39.47%	44.74%	50.00%
8 Misc Text. Prod.	0.73%	2.63%	7.89%	13.16%	18.42%	23.68%	28.95%	34.21%	39.47%	44.74%	50.00%
9 Lumber & Wood	0.52%	2.63%	7.89%	13.16%	18.42%	23.68%	28.95%	34.21%	39.47%	44.74%	50.00%
10 Furniture	0.34%	2.63%	7.89%	13.16%	18.42%	23.68%	28.95%	34.21%	39.47%	44.74%	50.00%
11 Pulp & Paper	0.87%	2.63%	7.89%	13.16%	18.42%	23.68%	28.95%	34.21%	39.47%	44.74%	50.00%
12 Print & Publish	1.31%	2.63%	7.89%	13.16%	18.42%	23.68%	28.95%	34.21%	39.47%	44.74%	50.00%
13 Chemical Drugs	1.40%	2.63%	7.89%	13.16%	18.42%	23.68%	28.95%	34.21%	39.47%	44.74%	50.00%
14 Petrol. Refining	0.96%	5.26%	15.79%	26.32%	36.84%	47.37%	57.89%	68.42%	78.95%	89.47%	100.00%
15 Rubber & Plastic	1.03%	2.63%	7.89%	13.16%	18.42%	23.68%	28.95%	34.21%	39.47%	44.74%	50.00%
16 Leather Prods.	0.12%	2.63%	7.89%	13.16%	18.42%	23.68%	28.95%	34.21%	39.47%	44.74%	50.00%
17 Glass Stone Clay	0.62%	2.63%	7.89%	13.16%	18.42%	23.68%	28.95%	34.21%	39.47%	44.74%	50.00%
18 Prim. Metal Prod.	1.04%	4.74%	14.21%	23.68%	33.16%	42.63%	52.11%	61.58%	71.05%	80.53%	90.00%
19 Fab. Metal Prod.	1.64%	2.63%	7.89%	13.16%	18.42%	23.68%	28.95%	34.21%	39.47%	44.74%	50.00%
20 Mach. Exc. Elec.	1.56%	2.63%	7.89%	13.16%	18.42%	23.68%	28.95%	34.21%	39.47%	44.74%	50.00%
21 Elec. & Electron	2.52%	2.63%	7.89%	13.16%	18.42%	23.68%	28.95%	34.21%	39.47%	44.74%	50.00%
22 Transport Eq.	2.62%	4.74%	14.21%	23.68%	33.16%	42.63%	52.11%	61.58%	71.05%	80.53%	90.00%
23 Instruments	0.68%	2.63%	7.89%	13.16%	18.42%	23.68%	28.95%	34.21%	39.47%	44.74%	50.00%
24 Misc. Manufact.	0.69%	2.63%	7.89%	13.16%	18.42%	23.68%	28.95%	34.21%	39.47%	44.74%	50.00%
25 Transp & Whse.	3.46%	4.74%	14.21%	23.68%	33.16%	42.63%	52.11%	61.58%	71.05%	80.53%	90.00%
26 Utilities	5.89%	2.63%	7.89%	13.16%	18.42%	23.68%	28.95%	34.21%	39.47%	44.74%	50.00%
27 Wholesale Trade	5.63%	2.63%	7.89%	13.16%	18.42%	23.68%	28.95%	34.21%	39.47%	44.74%	50.00%
28 Retail Trade	5.63%	4.74%	14.21%	23.68%	33.16%	42.63%	52.11%	61.58%	71.05%	80.53%	90.00%
29 F.I.R.E.	16.64%	3.16%	9.47%	15.79%	22.11%	28.42%	34.74%	41.05%	47.37%	53.68%	60.00%
30 Pers./Prof. Serv.	8.03%	3.16%	9.47%	15.79%	22.11%	28.42%	34.74%	41.05%	47.37%	53.68%	60.00%
31 Eating Drinking	2.12%	4.21%	12.63%	21.05%	29.47%	37.89%	46.32%	54.74%	63.16%	71.58%	80.00%
32 Auto Serv.	1.09%	4.74%	14.21%	23.68%	33.16%	42.63%	52.11%	61.58%	71.05%	80.53%	90.00%
33 Amuse & Rec.	0.70%	4.74%	14.21%	23.68%	33.16%	42.63%	52.11%	61.58%	71.05%	80.53%	90.00%
34 Health Ed. Soc.	6.30%	1.05%	3.16%	5.26%	7.37%	9.47%	11.58%	13.68%	15.79%	17.89%	20.00%
35 Govt & Govt Ind.	11.79%	1.05%	3.16%	5.26%	7.37%	9.47%	11.58%	13.68%	15.79%	17.89%	20.00%
36 Households	0.25%	2.63%	7.89%	13.16%	18.42%	23.68%	28.95%	34.21%	39.47%	44.74%	50.00%
TOTAL	100.00%	3.25%	9.74%	16.23%	22.72%	29.21%	35.70%	42.19%	48.68%	55.18%	61.67%
		Avg.	Avg.	Avg.	Avg.	Avg.	Avg.	Avg.	Avg.	Avg.	Total V.A Pct. V.A.

Table D-4

L/L Capacity Loss-->	U.S. Econ. Value Added (Percent)	10%	20%	30%	40%	50%	60%	70%	80%	90%	100%
1 Livestock	0.45%	0.53%	1.58%	2.63%	3.68%	4.74%	5.79%	6.84%	7.89%	8.95%	10.00%
2 Agr. Prod.	1.06%	1.58%	4.74%	7.89%	11.05%	14.21%	17.37%	20.53%	23.68%	26.84%	30.00%
3 AgServ For. Fish	0.11%	1.58%	4.74%	7.89%	11.05%	14.21%	17.37%	20.53%	23.68%	26.84%	30.00%
4 Mining	3.89%	0.53%	1.58%	2.63%	3.68%	4.74%	5.79%	6.84%	7.89%	8.95%	10.00%
5 Construction	5.52%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
6 Food Tobacco	2.41%	1.32%	3.95%	6.58%	9.21%	11.84%	14.47%	17.11%	19.74%	22.37%	25.00%
7 Textile Goods	0.37%	1.05%	3.16%	5.26%	7.37%	9.47%	11.58%	13.68%	15.79%	17.89%	20.00%
8 Misc Text. Prod.	0.73%	1.05%	3.16%	5.26%	7.37%	9.47%	11.58%	13.68%	15.79%	17.89%	20.00%
9 Lumber & Wood	0.52%	1.05%	3.16%	5.26%	7.37%	9.47%	11.58%	13.68%	15.79%	17.89%	20.00%
10 Furniture	0.34%	1.05%	3.16%	5.26%	7.37%	9.47%	11.58%	13.68%	15.79%	17.89%	20.00%
11 Pulp & Paper	0.87%	2.11%	6.32%	10.53%	14.74%	18.95%	23.16%	27.37%	31.58%	35.79%	40.00%
12 Print & Publish	1.31%	1.05%	3.16%	5.26%	7.37%	9.47%	11.58%	13.68%	15.79%	17.89%	20.00%
13 Chemical & Drugs	1.40%	4.74%	14.21%	23.68%	33.16%	42.63%	52.11%	61.58%	71.05%	80.53%	90.00%
14 Petrol. Refining	0.96%	2.63%	7.89%	13.16%	18.42%	23.68%	28.95%	34.21%	39.47%	44.74%	50.00%
15 Rubber & Plastic	1.03%	2.63%	7.89%	13.16%	18.42%	23.68%	28.95%	34.21%	39.47%	44.74%	50.00%
16 Leather Prods.	0.12%	1.05%	3.16%	5.26%	7.37%	9.47%	11.58%	13.68%	15.79%	17.89%	20.00%
17 Glass Stone Clay	0.62%	2.63%	7.89%	13.16%	18.42%	23.68%	28.95%	34.21%	39.47%	44.74%	50.00%
18 Prim. Metal Prod.	1.04%	2.63%	7.89%	13.16%	18.42%	23.68%	28.95%	34.21%	39.47%	44.74%	50.00%
19 Fab. Metal Prod.	1.64%	2.63%	7.89%	13.16%	18.42%	23.68%	28.95%	34.21%	39.47%	44.74%	50.00%
20 Mach. Exc. Elec.	1.56%	2.63%	7.89%	13.16%	18.42%	23.68%	28.95%	34.21%	39.47%	44.74%	50.00%
21 Elec. & Electron	2.52%	2.63%	7.89%	13.16%	18.42%	23.68%	28.95%	34.21%	39.47%	44.74%	50.00%
22 Transport Eq.	2.62%	2.63%	7.89%	13.16%	18.42%	23.68%	28.95%	34.21%	39.47%	44.74%	50.00%
23 Instruments	0.68%	3.95%	11.84%	19.74%	27.63%	35.53%	43.42%	51.32%	59.21%	67.11%	75.00%
24 Misc. Manufact.	0.69%	2.63%	7.89%	13.16%	18.42%	23.68%	28.95%	34.21%	39.47%	44.74%	50.00%
25 Transp & Whse.	3.46%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
26 Utilities	5.89%	2.11%	6.32%	10.53%	14.74%	18.95%	23.16%	27.37%	31.58%	35.79%	40.00%
27 Wholesale Trade	5.63%	0.53%	1.58%	2.63%	3.68%	4.74%	5.79%	6.84%	7.89%	8.95%	10.00%
28 Retail Trade	5.63%	1.05%	3.16%	5.26%	7.37%	9.47%	11.58%	13.68%	15.79%	17.89%	20.00%
29 F.I.R.E.	16.64%	1.05%	3.16%	5.26%	7.37%	9.47%	11.58%	13.68%	15.79%	17.89%	20.00%
30 Pers./Prof Serv.	8.03%	1.05%	3.16%	5.26%	7.37%	9.47%	11.58%	13.68%	15.79%	17.89%	20.00%
31 Eating Drinking	2.12%	2.11%	6.32%	10.53%	14.74%	18.95%	23.16%	27.37%	31.58%	35.79%	40.00%
32 Auto Serv.	1.09%	0.26%	0.79%	1.32%	1.84%	2.37%	2.89%	3.42%	3.95%	4.47%	5.00%
33 Amuse & Rec.	0.70%	2.11%	6.32%	10.53%	14.74%	18.95%	23.16%	27.37%	31.58%	35.79%	40.00%
34 Health Ed. Soc.	6.30%	1.05%	3.16%	5.26%	7.37%	9.47%	11.58%	13.68%	15.79%	17.89%	20.00%
35 Govt & Govt Ind.	11.79%	1.05%	3.16%	5.26%	7.37%	9.47%	11.58%	13.68%	15.79%	17.89%	20.00%
36 Households	0.25%	1.84%	5.53%	9.21%	12.89%	16.58%	20.26%	23.95%	27.63%	31.32%	35.00%
TOTAL	100.00%	1.68%	5.04%	8.41%	11.77%	15.13%	18.49%	21.86%	25.22%	28.58%	31.94%
		Avg.	Avg.	Avg.	Avg.	Avg.	Avg.	Avg.	Avg.	Avg.	Total V.A. Pct. V.A.

Table D-5 Percent Value-Added Lost Due to Specified Percent Loss of Highways Lifeline

L/L Capacity Loss-->	U.S. Econ. Value Added (Percent)	10%	20%	30%	40%	50%	60%	70%	80%	90%	100%
1 Livestock	0.45%	2.63%	7.89%	13.16%	18.42%	23.68%	28.95%	34.21%	39.47%	44.74%	50.00%
2 Agr. Prod/	1.06%	4.21%	12.63%	21.05%	29.47%	37.89%	46.32%	54.74%	63.16%	71.58%	80.00%
3 AgServ For. Fish	0.11%	4.21%	12.63%	21.05%	29.47%	37.89%	46.32%	54.74%	63.16%	71.58%	80.00%
4 Mining	3.89%	1.84%	5.53%	9.21%	12.89%	16.58%	20.26%	23.95%	27.63%	31.32%	35.00%
5 Construction	5.52%	2.11%	6.32%	10.53%	14.74%	18.95%	23.16%	27.37%	31.58%	35.79%	40.00%
6 Food Tobacco	2.41%	4.21%	12.63%	21.05%	29.47%	37.89%	46.32%	54.74%	63.16%	71.58%	80.00%
7 Textile Goods	0.37%	3.95%	11.84%	19.74%	27.63%	35.53%	43.42%	51.32%	59.21%	67.11%	75.00%
8 Misc.Text. Prod.	0.73%	3.95%	11.84%	19.74%	27.63%	35.53%	43.42%	51.32%	59.21%	67.11%	75.00%
9 Lumber & Wood	0.52%	4.74%	14.21%	23.68%	33.16%	42.63%	52.11%	61.58%	71.05%	80.53%	90.00%
10 Furniture	0.34%	3.95%	11.84%	19.74%	27.63%	35.53%	43.42%	51.32%	59.21%	67.11%	75.00%
11 Pulp & Paper	0.87%	4.21%	12.63%	21.05%	29.47%	37.89%	46.32%	54.74%	63.16%	71.58%	80.00%
12 Print & Publish	1.31%	3.95%	11.84%	19.74%	27.63%	35.53%	43.42%	51.32%	59.21%	67.11%	75.00%
13 Chemical & Drugs	1.40%	4.21%	12.63%	21.05%	29.47%	37.89%	46.32%	54.74%	63.16%	71.58%	80.00%
14 Petrol. Refining	0.96%	4.74%	14.21%	23.68%	33.16%	42.63%	52.11%	61.58%	71.05%	80.53%	90.00%
15 Rubber & Plastic	1.03%	3.95%	11.84%	19.74%	27.63%	35.53%	43.42%	51.32%	59.21%	67.11%	75.00%
16 Leather Prods.	0.12%	3.95%	11.84%	19.74%	27.63%	35.53%	43.42%	51.32%	59.21%	67.11%	75.00%
17 Glass Stone Clay	0.62%	3.95%	11.84%	19.74%	27.63%	35.53%	43.42%	51.32%	59.21%	67.11%	75.00%
18 Prim. Metal Prod.	1.04%	4.21%	12.63%	21.05%	29.47%	37.89%	46.32%	54.74%	63.16%	71.58%	80.00%
19 Fab. Metal Prod.	1.64%	4.21%	12.63%	21.05%	29.47%	37.89%	46.32%	54.74%	63.16%	71.58%	80.00%
20 Mach. Exc. Elec.	1.56%	4.21%	12.63%	21.05%	29.47%	37.89%	46.32%	54.74%	63.16%	71.58%	80.00%
21 Elec. & Electron	2.52%	3.95%	11.84%	19.74%	27.63%	35.53%	43.42%	51.32%	59.21%	67.11%	75.00%
22 Transport Eq.	2.62%	4.21%	12.63%	21.05%	29.47%	37.89%	46.32%	54.74%	63.16%	71.58%	80.00%
23 Instruments	0.68%	4.21%	12.63%	21.05%	29.47%	37.89%	46.32%	54.74%	63.16%	71.58%	80.00%
24 Misc. Manufact.	0.69%	3.95%	11.84%	19.74%	27.63%	35.53%	43.42%	51.32%	59.21%	67.11%	75.00%
25 Transp & Whse.	3.46%	4.21%	12.63%	21.05%	29.47%	37.89%	46.32%	54.74%	63.16%	71.58%	80.00%
26 Utilities	5.89%	2.11%	6.32%	10.53%	14.74%	18.95%	23.16%	27.37%	31.58%	35.79%	40.00%
27 Wholesale Trade	5.63%	3.68%	11.05%	18.42%	25.79%	33.16%	40.53%	47.89%	55.26%	62.63%	70.00%
28 Retail Trade	5.63%	2.89%	8.68%	14.47%	20.26%	26.05%	31.84%	37.63%	43.42%	49.21%	55.00%
29 F.I.R.E.	16.64%	2.37%	7.11%	11.84%	16.58%	21.32%	26.05%	30.79%	35.53%	40.26%	45.00%
30 Pers./Prof. Serv.	8.03%	2.37%	7.11%	11.84%	16.58%	21.32%	26.05%	30.79%	35.53%	40.26%	45.00%
31 Eating Drinking	2.12%	2.63%	7.89%	13.16%	18.42%	23.68%	28.95%	34.21%	39.47%	44.74%	50.00%
32 Auto Serv.	1.09%	2.89%	8.68%	14.47%	20.26%	26.05%	31.84%	37.63%	43.42%	49.21%	55.00%
33 Amuse & Rec.	0.70%	2.63%	7.89%	13.16%	18.42%	23.68%	28.95%	34.21%	39.47%	44.74%	50.00%
34 Health Ed. Soc.	6.30%	2.89%	8.68%	14.47%	20.26%	26.05%	31.84%	37.63%	43.42%	49.21%	55.00%
35 Govt & Govt Ind.	11.79%	1.58%	4.74%	7.89%	11.05%	14.21%	17.37%	20.53%	23.68%	26.84%	30.00%
36 Households	0.25%	2.11%	6.32%	10.53%	14.74%	18.95%	23.16%	27.37%	31.58%	35.79%	40.00%
TOTAL	100.00%	3.50%	10.50%	17.51%	24.51%	31.51%	38.52%	45.52%	52.52%	59.52%	66.53%
		Avg.	Avg.	Avg.	Avg.	Avg.	Avg.	Avg.	Avg.	Avg.	Total V.A Pct. V.A

Table D-6 Percent Value-Added Lost Due to Specified Percent Loss of Railroads Lifeline

L/L Capacity Loss-->	U.S. Econ. Value Added (Percent)	10%	20%	30%	40%	50%	60%	70%	80%	90%	100%
1 Livestock	0.45%	2.11%	6.32%	10.53%	14.74%	18.95%	23.16%	27.37%	31.58%	35.79%	40.00%
2 Agr. Prod.	1.06%	2.11%	6.32%	10.53%	14.74%	18.95%	23.16%	27.37%	31.58%	35.79%	40.00%
3 AgServ For. Fish	0.11%	2.11%	6.32%	10.53%	14.74%	18.95%	23.16%	27.37%	31.58%	35.79%	40.00%
4 Mining	3.89%	1.84%	5.53%	9.21%	12.89%	16.58%	20.26%	23.95%	27.63%	31.32%	35.00%
5 Construction	5.52%	0.26%	0.79%	1.32%	1.84%	2.37%	2.89%	3.42%	3.95%	4.47%	5.00%
6 Food Tobacco	2.41%	1.05%	3.16%	5.26%	7.37%	9.47%	11.58%	13.68%	15.79%	17.89%	20.00%
7 Textile Goods	0.37%	1.05%	3.16%	5.26%	7.37%	9.47%	11.58%	13.68%	15.79%	17.89%	20.00%
8 Misc Text. Prod.	0.73%	1.05%	3.16%	5.26%	7.37%	9.47%	11.58%	13.68%	15.79%	17.89%	20.00%
9 Lumber & Wood	0.52%	2.11%	6.32%	10.53%	14.74%	18.95%	23.16%	27.37%	31.58%	35.79%	40.00%
10 Furniture	0.34%	1.05%	3.16%	5.26%	7.37%	9.47%	11.58%	13.68%	15.79%	17.89%	20.00%
11 Pulp & Paper	0.87%	2.37%	7.11%	11.84%	16.58%	21.32%	26.05%	30.79%	35.53%	40.26%	45.00%
12 Print & Publish	1.31%	1.05%	3.16%	5.26%	7.37%	9.47%	11.58%	13.68%	15.79%	17.89%	20.00%
13 Chemical	1.40%	1.05%	3.16%	5.26%	7.37%	9.47%	11.58%	13.68%	15.79%	17.89%	20.00%
14 Petrol. Refining	0.96%	2.11%	6.32%	10.53%	14.74%	18.95%	23.16%	27.37%	31.58%	35.79%	40.00%
15 Rubber & Plastic	1.03%	1.05%	3.16%	5.26%	7.37%	9.47%	11.58%	13.68%	15.79%	17.89%	20.00%
16 Leather Prods.	0.12%	1.05%	3.16%	5.26%	7.37%	9.47%	11.58%	13.68%	15.79%	17.89%	20.00%
17 Glass Stone Clay	0.62%	1.05%	3.16%	5.26%	7.37%	9.47%	11.58%	13.68%	15.79%	17.89%	20.00%
18 Prim. Metal Prod.	1.04%	2.63%	7.89%	13.16%	18.42%	23.68%	28.95%	34.21%	39.47%	44.74%	50.00%
19 Fab. Metal Prod.	1.64%	2.37%	7.11%	11.84%	16.58%	21.32%	26.05%	30.79%	35.53%	40.26%	45.00%
20 Mach. Exc. Elec.	1.56%	2.37%	7.11%	11.84%	16.58%	21.32%	26.05%	30.79%	35.53%	40.26%	45.00%
21 Elec. & Electron	2.52%	1.05%	3.16%	5.26%	7.37%	9.47%	11.58%	13.68%	15.79%	17.89%	20.00%
22 Transport Eq.	2.62%	2.37%	7.11%	11.84%	16.58%	21.32%	26.05%	30.79%	35.53%	40.26%	45.00%
23 Instruments	0.68%	0.26%	0.79%	1.32%	1.84%	2.37%	2.89%	3.42%	3.95%	4.47%	5.00%
24 Misc. Manufact.	0.69%	1.05%	3.16%	5.26%	7.37%	9.47%	11.58%	13.68%	15.79%	17.89%	20.00%
25 Transp & Whse.	3.46%	1.58%	4.74%	7.89%	11.05%	14.21%	17.37%	20.53%	23.68%	26.84%	30.00%
26 Utilities	5.89%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
27 Wholesale Trade	5.63%	0.79%	2.37%	3.95%	5.53%	7.11%	8.68%	10.26%	11.84%	13.42%	15.00%
28 Retail Trade	5.63%	1.05%	3.16%	5.26%	7.37%	9.47%	11.58%	13.68%	15.79%	17.89%	20.00%
29 F.I.R.E.	16.64%	0.53%	1.58%	2.63%	3.68%	4.74%	5.79%	6.84%	7.89%	8.95%	10.00%
30 Pers./Prof. Serv.	8.03%	0.53%	1.58%	2.63%	3.68%	4.74%	5.79%	6.84%	7.89%	8.95%	10.00%
31 Eating Drinking	2.12%	0.26%	0.79%	1.32%	1.84%	2.37%	2.89%	3.42%	3.95%	4.47%	5.00%
32 Auto Serv.	1.09%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
33 Amuse & Rec.	0.70%	0.26%	0.79%	1.32%	1.84%	2.37%	2.89%	3.42%	3.95%	4.47%	5.00%
34 Health Ed. Soc.	6.30%	0.26%	0.79%	1.32%	1.84%	2.37%	2.89%	3.42%	3.95%	4.47%	5.00%
35 Govt & Govt Ind.	11.79%	0.53%	1.58%	2.63%	3.68%	4.74%	5.79%	6.84%	7.89%	8.95%	10.00%
36 Households	0.25%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
TOTAL	100.00%	1.18%	3.53%	5.88%	8.24%	10.59%	12.95%	15.30%	17.65%	20.01%	22.36%
		Avg.	Avg.	Avg.	Avg.	Avg.	Avg.	Avg.	Avg.	Avg.	Total V.A Pct. V.A

[illegible]

Table D-8

L/L Capacity Loss-->	U.S. Econ. Value Added (Percent)	10%	20%	30%	40%	50%	60%	70%	80%	90%	100%
1 Livestock	0.45%	0.53%	1.58%	2.63%	3.68%	4.74%	5.79%	6.84%	7.89%	8.95%	10.00%
2 Agr. Prod.	1.06%	0.53%	1.58%	2.63%	3.68%	4.74%	5.79%	6.84%	7.89%	8.95%	10.00%
3 AgServ For. Fish	0.11%	0.53%	1.58%	2.63%	3.68%	4.74%	5.79%	6.84%	7.89%	8.95%	10.00%
4 Mining	3.89%	0.53%	1.58%	2.63%	3.68%	4.74%	5.79%	6.84%	7.89%	8.95%	10.00%
5 Construction	5.52%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
6 Food Tobacco	2.41%	1.05%	3.16%	5.26%	7.37%	9.47%	11.58%	13.68%	15.79%	17.89%	20.00%
7 Textile Goods	0.37%	1.05%	3.16%	5.26%	7.37%	9.47%	11.58%	13.68%	15.79%	17.89%	20.00%
8 Misc Text. Prod.	0.73%	1.05%	3.16%	5.26%	7.37%	9.47%	11.58%	13.68%	15.79%	17.89%	20.00%
9 Lumber & Wood	0.52%	1.05%	3.16%	5.26%	7.37%	9.47%	11.58%	13.68%	15.79%	17.89%	20.00%
10 Furniture	0.34%	1.05%	3.16%	5.26%	7.37%	9.47%	11.58%	13.68%	15.79%	17.89%	20.00%
11 Pulp & Paper	0.87%	0.53%	1.58%	2.63%	3.68%	4.74%	5.79%	6.84%	7.89%	8.95%	10.00%
12 Print & Publish	1.31%	1.05%	3.16%	5.26%	7.37%	9.47%	11.58%	13.68%	15.79%	17.89%	20.00%
13 Chemical & Drugs	1.40%	1.05%	3.16%	5.26%	7.37%	9.47%	11.58%	13.68%	15.79%	17.89%	20.00%
14 Petrol. Refining	0.96%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
15 Rubber & Plastic	1.03%	1.05%	3.16%	5.26%	7.37%	9.47%	11.58%	13.68%	15.79%	17.89%	20.00%
16 Leather Prods.	0.12%	1.05%	3.16%	5.26%	7.37%	9.47%	11.58%	13.68%	15.79%	17.89%	20.00%
17 Glass Stone Clay	0.62%	1.05%	3.16%	5.26%	7.37%	9.47%	11.58%	13.68%	15.79%	17.89%	20.00%
18 Prim. Metal Prod.	1.04%	0.53%	1.58%	2.63%	3.68%	4.74%	5.79%	6.84%	7.89%	8.95%	10.00%
19 Fab. Metal Prod.	1.64%	0.53%	1.58%	2.63%	3.68%	4.74%	5.79%	6.84%	7.89%	8.95%	10.00%
20 Mach. Exc. Elec.	1.56%	1.05%	3.16%	5.26%	7.37%	9.47%	11.58%	13.68%	15.79%	17.89%	20.00%
21 Elec. & Electron	2.52%	1.58%	4.74%	7.89%	11.05%	14.21%	17.37%	20.53%	23.68%	26.84%	30.00%
22 Transport Eq.	2.62%	1.58%	4.74%	7.89%	11.05%	14.21%	17.37%	20.53%	23.68%	26.84%	30.00%
23 Instruments	0.68%	2.11%	6.32%	10.53%	14.74%	18.95%	23.16%	27.37%	31.58%	35.79%	40.00%
24 Misc. Manufact.	0.69%	1.05%	3.16%	5.26%	7.37%	9.47%	11.58%	13.68%	15.79%	17.89%	20.00%
25 Transp & Whse.	3.46%	1.58%	4.74%	7.89%	11.05%	14.21%	17.37%	20.53%	23.68%	26.84%	30.00%
26 Utilities	5.89%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
27 Wholesale Trade	5.63%	1.05%	3.16%	5.26%	7.37%	9.47%	11.58%	13.68%	15.79%	17.89%	20.00%
28 Retail Trade	5.63%	1.05%	3.16%	5.26%	7.37%	9.47%	11.58%	13.68%	15.79%	17.89%	20.00%
29 F.I.R.E.	16.64%	1.05%	3.16%	5.26%	7.37%	9.47%	11.58%	13.68%	15.79%	17.89%	20.00%
30 Pers./Prof Serv.	8.03%	1.05%	3.16%	5.26%	7.37%	9.47%	11.58%	13.68%	15.79%	17.89%	20.00%
31 Eating Drinking	2.12%	2.11%	6.32%	10.53%	14.74%	18.95%	23.16%	27.37%	31.58%	35.79%	40.00%
32 Auto Serv.	1.09%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
33 Amuse & Rec.	0.70%	2.11%	6.32%	10.53%	14.74%	18.95%	23.16%	27.37%	31.58%	35.79%	40.00%
34 Health Ed. Soc.	6.30%	0.53%	1.58%	2.63%	3.68%	4.74%	5.79%	6.84%	7.89%	8.95%	10.00%
35 Govt & Govt. Ind.	11.79%	1.05%	3.16%	5.26%	7.37%	9.47%	11.58%	13.68%	15.79%	17.89%	20.00%
36 Households	0.25%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
TOTAL	100.00%	0.92%	2.76%	4.61%	6.45%	8.29%	10.13%	11.97%	13.82%	15.66%	17.50%
		Avg.	Avg.	Avg.	Avg.	Avg.	Avg.	Avg.	Avg.	Avg.	Total V.A Pct. V.A.

Table D-9

L/L Capacity Loss-->	U.S. Econ. Value Added (Percent)	10%	20%	30%	40%	50%	60%	70%	80%	90%	100%
1 Livestock	0.45%	2.11%	6.32%	10.53%	14.74%	18.95%	23.16%	27.37%	31.58%	35.79%	40.00%
2 Agr. Prod.	1.06%	2.11%	6.32%	10.53%	14.74%	18.95%	23.16%	27.37%	31.58%	35.79%	40.00%
3 AgServ For. Fish	0.11%	2.11%	6.32%	10.53%	14.74%	18.95%	23.16%	27.37%	31.58%	35.79%	40.00%
4 Mining	3.89%	1.05%	3.16%	5.26%	7.37%	9.47%	11.58%	13.68%	15.79%	17.89%	20.00%
5 Construction	5.52%	1.05%	3.16%	5.26%	7.37%	9.47%	11.58%	13.68%	15.79%	17.89%	20.00%
6 Food Tobacco	2.41%	1.05%	3.16%	5.26%	7.37%	9.47%	11.58%	13.68%	15.79%	17.89%	20.00%
7 Textile Goods	0.37%	1.05%	3.16%	5.26%	7.37%	9.47%	11.58%	13.68%	15.79%	17.89%	20.00%
8 Misc Text. Prod.	0.73%	1.05%	3.16%	5.26%	7.37%	9.47%	11.58%	13.68%	15.79%	17.89%	20.00%
9 Lumber & Wood	0.52%	1.05%	3.16%	5.26%	7.37%	9.47%	11.58%	13.68%	15.79%	17.89%	20.00%
10 Furniture	0.34%	1.05%	3.16%	5.26%	7.37%	9.47%	11.58%	13.68%	15.79%	17.89%	20.00%
11 Pulp & Paper	0.87%	1.58%	4.74%	7.89%	11.05%	14.21%	17.37%	20.53%	23.68%	26.84%	30.00%
12 Print & Publish	1.31%	1.05%	3.16%	5.26%	7.37%	9.47%	11.58%	13.68%	15.79%	17.89%	20.00%
13 Chemical & Drugs	1.40%	1.05%	3.16%	5.26%	7.37%	9.47%	11.58%	13.68%	15.79%	17.89%	20.00%
14 Petrol. Refining	0.96%	4.21%	12.63%	21.05%	29.47%	37.89%	46.32%	54.74%	63.16%	71.58%	80.00%
15 Rubber & Plastic	1.03%	1.05%	3.16%	5.26%	7.37%	9.47%	11.58%	13.68%	15.79%	17.89%	20.00%
16 Leather Prods.	0.12%	1.05%	3.16%	5.26%	7.37%	9.47%	11.58%	13.68%	15.79%	17.89%	20.00%
17 Glass Stone Clay	0.62%	1.05%	3.16%	5.26%	7.37%	9.47%	11.58%	13.68%	15.79%	17.89%	20.00%
18 Prim. Metal Prod.	1.04%	1.05%	3.16%	5.26%	7.37%	9.47%	11.58%	13.68%	15.79%	17.89%	20.00%
19 Fab. Metal Prod.	1.64%	1.58%	4.74%	7.89%	11.05%	14.21%	17.37%	20.53%	23.68%	26.84%	30.00%
20 Mach. Exc. Elec.	1.56%	1.58%	4.74%	7.89%	11.05%	14.21%	17.37%	20.53%	23.68%	26.84%	30.00%
21 Elec. & Electron	2.52%	1.05%	3.16%	5.26%	7.37%	9.47%	11.58%	13.68%	15.79%	17.89%	20.00%
22 Transport Eq.	2.62%	1.58%	4.74%	7.89%	11.05%	14.21%	17.37%	20.53%	23.68%	26.84%	30.00%
23 Instruments	0.68%	0.53%	1.58%	2.63%	3.68%	4.74%	5.79%	6.84%	7.89%	8.95%	10.00%
24 Misc. Manufact.	0.69%	1.05%	3.16%	5.26%	7.37%	9.47%	11.58%	13.68%	15.79%	17.89%	20.00%
25 Transp & Whse.	3.46%	1.58%	4.74%	7.89%	11.05%	14.21%	17.37%	20.53%	23.68%	26.84%	30.00%
26 Utilities	5.89%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
27 Wholesale Trade	5.63%	1.05%	3.16%	5.26%	7.37%	9.47%	11.58%	13.68%	15.79%	17.89%	20.00%
28 Retail Trade	5.63%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
29 F.I.R.E.	16.64%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
30 Pers./Prof. Serv.	8.03%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
31 Eating Drinking	2.12%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
32 Auto Serv.	1.09%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
33 Amuse & Rec.	0.70%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
34 Health Ed. Soc.	6.30%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
35 Govt & Govt Ind.	11.79%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
36 Households	0.25%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
TOTAL	100.00%	0.99%	2.98%	4.97%	6.96%	8.95%	10.94%	12.92%	14.91%	16.90%	18.89%
		Avg.	Avg.	Avg.	Avg.	Avg.	Avg.	Avg.	Avg.	Avg.	Total V.A Pct. V.A

Table D-10

L/L Capacity Loss-->	U.S. Econ. Value Added (Percent)	10%	20%	30%	40%	50%	60%	70%	80%	90%	100%
1 Livestock	0.45%	1.05%	3.16%	5.26%	7.37%	9.47%	11.58%	13.68%	15.79%	17.89%	20.00%
2 Agr. Prod.	1.06%	1.05%	3.16%	5.26%	7.37%	9.47%	11.58%	13.68%	15.79%	17.89%	20.00%
3 AgServ For. Fish	0.11%	1.05%	3.16%	5.26%	7.37%	9.47%	11.58%	13.68%	15.79%	17.89%	20.00%
4 Mining	3.89%	0.53%	1.58%	2.63%	3.68%	4.74%	5.79%	6.84%	7.89%	8.95%	10.00%
5 Construction	5.52%	0.53%	1.58%	2.63%	3.68%	4.74%	5.79%	6.84%	7.89%	8.95%	10.00%
6 Food Tobacco	2.41%	0.79%	2.37%	3.95%	5.53%	7.11%	8.68%	10.26%	11.84%	13.42%	15.00%
7 Textile Goods	0.37%	0.79%	2.37%	3.95%	5.53%	7.11%	8.68%	10.26%	11.84%	13.42%	15.00%
8 Misc Text. Prod.	0.73%	0.79%	2.37%	3.95%	5.53%	7.11%	8.68%	10.26%	11.84%	13.42%	15.00%
9 Lumber & Wood	0.52%	0.79%	2.37%	3.95%	5.53%	7.11%	8.68%	10.26%	11.84%	13.42%	15.00%
10 Furniture	0.34%	0.79%	2.37%	3.95%	5.53%	7.11%	8.68%	10.26%	11.84%	13.42%	15.00%
11 Pulp & Paper	0.87%	0.53%	1.58%	2.63%	3.68%	4.74%	5.79%	6.84%	7.89%	8.95%	10.00%
12 Print & Publish	1.31%	0.79%	2.37%	3.95%	5.53%	7.11%	8.68%	10.26%	11.84%	13.42%	15.00%
13 Chemical & Drugs	1.40%	0.79%	2.37%	3.95%	5.53%	7.11%	8.68%	10.26%	11.84%	13.42%	15.00%
14 Petrol. Refining	0.96%	0.53%	1.58%	2.63%	3.68%	4.74%	5.79%	6.84%	7.89%	8.95%	10.00%
15 Rubber & Plastic	1.03%	0.79%	2.37%	3.95%	5.53%	7.11%	8.68%	10.26%	11.84%	13.42%	15.00%
16 Leather Prods.	0.12%	0.79%	2.37%	3.95%	5.53%	7.11%	8.68%	10.26%	11.84%	13.42%	15.00%
17 Glass Stone Clay	0.62%	0.79%	2.37%	3.95%	5.53%	7.11%	8.68%	10.26%	11.84%	13.42%	15.00%
18 Prim. Metal Prod.	1.04%	0.79%	2.37%	3.95%	5.53%	7.11%	8.68%	10.26%	11.84%	13.42%	15.00%
19 Fab. Metal Prod.	1.64%	0.53%	1.58%	2.63%	3.68%	4.74%	5.79%	6.84%	7.89%	8.95%	10.00%
20 Mach. Exc. Elec.	1.56%	0.53%	1.58%	2.63%	3.68%	4.74%	5.79%	6.84%	7.89%	8.95%	10.00%
21 Elec. & Electron	2.52%	0.79%	2.37%	3.95%	5.53%	7.11%	8.68%	10.26%	11.84%	13.42%	15.00%
22 Transport Eq.	2.62%	0.53%	1.58%	2.63%	3.68%	4.74%	5.79%	6.84%	7.89%	8.95%	10.00%
23 Instruments	0.68%	1.58%	4.74%	7.89%	11.05%	14.21%	17.37%	20.53%	23.68%	26.84%	30.00%
24 Misc. Manufact.	0.69%	0.79%	2.37%	3.95%	5.53%	7.11%	8.68%	10.26%	11.84%	13.42%	15.00%
25 Transp & Whse.	3.46%	1.58%	4.74%	7.89%	11.05%	14.21%	17.37%	20.53%	23.68%	26.84%	30.00%
26 Utilities	5.89%	1.58%	4.74%	7.89%	11.05%	14.21%	17.37%	20.53%	23.68%	26.84%	30.00%
27 Wholesale Trade	5.63%	2.63%	7.89%	13.16%	18.42%	23.68%	28.95%	34.21%	39.47%	44.74%	50.00%
28 Retail Trade	5.63%	2.63%	7.89%	13.16%	18.42%	23.68%	28.95%	34.21%	39.47%	44.74%	50.00%
29 F.I.R.E.	16.64%	3.16%	9.47%	15.79%	22.11%	28.42%	34.74%	41.05%	47.37%	53.68%	60.00%
30 Pers./Prof. Serv.	9.03%	2.11%	6.32%	10.53%	14.74%	18.95%	23.16%	27.37%	31.58%	35.79%	40.00%
31 Eating Drinking	2.12%	2.11%	6.32%	10.53%	14.74%	18.95%	23.16%	27.37%	31.58%	35.79%	40.00%
32 Auto Serv.	1.09%	2.11%	6.32%	10.53%	14.74%	18.95%	23.16%	27.37%	31.58%	35.79%	40.00%
33 Amuse & Rec.	0.70%	2.11%	6.32%	10.53%	14.74%	18.95%	23.16%	27.37%	31.58%	35.79%	40.00%
34 Health Ed. Soc.	6.30%	0.79%	2.37%	3.95%	5.53%	7.11%	8.68%	10.26%	11.84%	13.42%	15.00%
35 Govt & Govt Ind.	11.79%	1.05%	3.16%	5.26%	7.37%	9.47%	11.58%	13.68%	15.79%	17.89%	20.00%
36 Households	0.25%	1.05%	3.16%	5.26%	7.37%	9.47%	11.58%	13.68%	15.79%	17.89%	20.00%
TOTAL	100.00%	1.15%	3.46%	5.77%	8.08%	10.39%	12.70%	15.01%	17.32%	19.63%	21.94%
		Avg.	Avg.	Avg.	Avg.	Avg.	Avg.	Avg.	Avg.	Avg.	Total V.A Pct. V.A.

Table D-11 Residual Value-Added After Loss of Capacity--Water Supply Lifeline

0%	10%	20%	30%	40%	50%	60%	70%	80%	90%	100%
0.45%	0.44%	0.42%	0.40%	0.38%	0.36%	0.34%	0.31%	0.29%	0.27%	0.25%
1.06%	1.02%	0.94%	0.86%	0.79%	0.71%	0.63%	0.55%	0.47%	0.40%	0.32%
0.11%	0.11%	0.10%	0.10%	0.09%	0.09%	0.08%	0.08%	0.07%	0.07%	0.06%
3.89%	3.86%	3.80%	3.74%	3.67%	3.61%	3.55%	3.49%	3.43%	3.37%	3.31%
5.52%	5.37%	5.08%	4.79%	4.50%	4.21%	3.92%	3.63%	3.34%	3.05%	2.76%
2.41%	2.32%	2.14%	1.96%	1.79%	1.61%	1.43%	1.25%	1.08%	0.90%	0.72%
0.37%	0.36%	0.33%	0.30%	0.28%	0.25%	0.22%	0.19%	0.17%	0.14%	0.11%
0.73%	0.70%	0.65%	0.59%	0.54%	0.49%	0.43%	0.38%	0.33%	0.27%	0.22%
0.52%	0.50%	0.48%	0.45%	0.42%	0.39%	0.37%	0.34%	0.31%	0.29%	0.26%
0.34%	0.33%	0.31%	0.29%	0.28%	0.26%	0.24%	0.22%	0.21%	0.19%	0.17%
0.87%	0.84%	0.79%	0.73%	0.68%	0.62%	0.57%	0.51%	0.46%	0.40%	0.35%
1.31%	1.29%	1.25%	1.21%	1.17%	1.13%	1.08%	1.04%	1.00%	0.96%	0.92%
1.40%	1.34%	1.23%	1.11%	0.99%	0.87%	0.75%	0.64%	0.52%	0.40%	0.28%
0.96%	0.94%	0.89%	0.84%	0.79%	0.73%	0.68%	0.63%	0.58%	0.53%	0.48%
1.03%	1.00%	0.95%	0.89%	0.84%	0.79%	0.73%	0.68%	0.62%	0.57%	0.51%
0.12%	0.12%	0.11%	0.11%	0.10%	0.09%	0.09%	0.08%	0.07%	0.07%	0.06%
0.62%	0.60%	0.57%	0.54%	0.50%	0.47%	0.44%	0.41%	0.37%	0.34%	0.31%
1.04%	0.99%	0.89%	0.79%	0.70%	0.60%	0.50%	0.40%	0.30%	0.20%	0.10%
1.64%	1.57%	1.43%	1.30%	1.16%	1.02%	0.88%	0.74%	0.60%	0.47%	0.33%
1.56%	1.51%	1.41%	1.31%	1.22%	1.12%	1.02%	0.92%	0.82%	0.72%	0.62%
2.52%	2.40%	2.16%	1.92%	1.69%	1.45%	1.21%	0.97%	0.73%	0.49%	0.25%
2.62%	2.54%	2.37%	2.21%	2.04%	1.87%	1.71%	1.54%	1.38%	1.21%	1.05%
0.68%	0.65%	0.58%	0.52%	0.45%	0.39%	0.33%	0.26%	0.20%	0.13%	0.07%
0.69%	0.67%	0.62%	0.58%	0.54%	0.49%	0.45%	0.41%	0.36%	0.32%	0.27%
3.46%	3.42%	3.35%	3.28%	3.21%	3.13%	3.06%	2.99%	2.91%	2.84%	2.77%
5.89%	5.76%	5.51%	5.27%	5.02%	4.77%	4.52%	4.28%	4.03%	3.78%	3.53%
5.63%	5.57%	5.46%	5.34%	5.22%	5.10%	4.98%	4.86%	4.74%	4.63%	4.51%
5.63%	5.57%	5.46%	5.34%	5.22%	5.10%	4.98%	4.86%	4.74%	4.63%	4.51%
16.64%	16.47%	16.12%	15.77%	15.42%	15.07%	14.72%	14.36%	14.01%	13.66%	13.31%
8.03%	7.95%	7.78%	7.61%	7.44%	7.27%	7.10%	6.93%	6.76%	6.59%	6.42%
2.12%	2.03%	1.85%	1.67%	1.50%	1.32%	1.14%	0.96%	0.78%	0.60%	0.42%
1.09%	1.09%	1.08%	1.07%	1.05%	1.04%	1.03%	1.02%	1.01%	1.00%	0.99%
0.70%	0.67%	0.61%	0.55%	0.49%	0.43%	0.37%	0.32%	0.26%	0.20%	0.14%
6.30%	6.17%	5.90%	5.64%	5.37%	5.11%	4.84%	4.57%	4.31%	4.04%	3.78%
11.79%	11.64%	11.33%	11.02%	10.70%	10.39%	10.08%	9.77%	9.46%	9.15%	8.84%
0.25%	0.25%	0.24%	0.22%	0.21%	0.20%	0.19%	0.18%	0.17%	0.16%	0.15%
100.00%	98.06%	94.18%	90.30%	86.43%	82.55%	78.67%	74.79%	70.91%	67.04%	63.16%
100%	98%	94%	90%	86%	83%	79%	75%	71%	67%	63%

Table D-12 Residual Value-Added After Loss of Capacity--Electric Lifeline

0%	10%	20%	30%	40%	50%	60%	70%	80%	90%	100%
0.45%	0.44%	0.42%	0.39%	0.37%	0.35%	0.32%	0.30%	0.27%	0.25%	0.23%
1.06%	1.03%	0.98%	0.92%	0.86%	0.81%	0.75%	0.70%	0.64%	0.59%	0.53%
0.11%	0.11%	0.10%	0.10%	0.09%	0.08%	0.08%	0.07%	0.07%	0.06%	0.06%
3.89%	3.70%	3.34%	2.97%	2.60%	2.23%	1.86%	1.49%	1.13%	0.76%	0.39%
5.52%	5.40%	5.17%	4.94%	4.71%	4.47%	4.24%	4.01%	3.78%	3.54%	3.31%
2.41%	2.29%	2.06%	1.84%	1.61%	1.38%	1.15%	0.92%	0.70%	0.47%	0.24%
0.37%	0.35%	0.31%	0.27%	0.24%	0.20%	0.16%	0.12%	0.08%	0.04%	0.00%
0.73%	0.69%	0.61%	0.54%	0.46%	0.38%	0.31%	0.23%	0.15%	0.08%	0.00%
0.52%	0.49%	0.43%	0.36%	0.33%	0.27%	0.22%	0.16%	0.11%	0.05%	0.00%
0.34%	0.32%	0.29%	0.25%	0.21%	0.18%	0.14%	0.11%	0.07%	0.04%	0.00%
0.87%	0.83%	0.73%	0.64%	0.55%	0.46%	0.37%	0.28%	0.18%	0.09%	0.00%
1.31%	1.24%	1.10%	0.97%	0.83%	0.69%	0.55%	0.41%	0.28%	0.14%	0.00%
1.40%	1.34%	1.20%	1.07%	0.94%	0.81%	0.67%	0.54%	0.41%	0.27%	0.14%
0.96%	0.91%	0.81%	0.71%	0.61%	0.51%	0.41%	0.30%	0.20%	0.10%	0.00%
1.03%	0.98%	0.87%	0.76%	0.65%	0.54%	0.43%	0.33%	0.22%	0.11%	0.00%
0.12%	0.12%	0.10%	0.09%	0.08%	0.06%	0.05%	0.04%	0.03%	0.01%	0.00%
0.62%	0.59%	0.52%	0.46%	0.39%	0.33%	0.26%	0.20%	0.13%	0.07%	0.00%
1.04%	0.99%	0.89%	0.79%	0.70%	0.60%	0.50%	0.40%	0.30%	0.20%	0.10%
1.64%	1.55%	1.38%	1.21%	1.04%	0.86%	0.69%	0.52%	0.35%	0.17%	0.00%
1.56%	1.48%	1.31%	1.15%	0.99%	0.82%	0.66%	0.49%	0.33%	0.16%	0.00%
2.52%	2.39%	2.12%	1.86%	1.59%	1.33%	1.06%	0.80%	0.53%	0.27%	0.00%
2.62%	2.48%	2.21%	1.93%	1.65%	1.38%	1.10%	0.83%	0.55%	0.28%	0.00%
0.68%	0.64%	0.57%	0.50%	0.43%	0.36%	0.29%	0.21%	0.14%	0.07%	0.00%
0.69%	0.65%	0.58%	0.51%	0.43%	0.36%	0.29%	0.22%	0.14%	0.07%	0.00%
3.46%	3.41%	3.30%	3.19%	3.08%	2.97%	2.86%	2.75%	2.64%	2.53%	2.42%
5.89%	5.64%	5.14%	4.65%	4.15%	3.66%	3.16%	2.66%	2.17%	1.67%	1.18%
5.63%	5.37%	4.83%	4.30%	3.77%	3.23%	2.70%	2.16%	1.63%	1.10%	0.56%
5.63%	5.37%	4.83%	4.30%	3.77%	3.23%	2.70%	2.16%	1.63%	1.10%	0.56%
16.64%	15.85%	14.28%	12.70%	11.12%	9.55%	7.97%	6.39%	4.82%	3.24%	1.66%
8.03%	7.65%	6.89%	6.13%	5.37%	4.61%	3.85%	3.09%	2.32%	1.56%	0.80%
2.12%	2.03%	1.85%	1.67%	1.50%	1.32%	1.14%	0.96%	0.78%	0.60%	0.42%
1.09%	1.04%	0.94%	0.84%	0.73%	0.63%	0.52%	0.42%	0.32%	0.21%	0.11%
0.70%	0.67%	0.61%	0.55%	0.49%	0.43%	0.37%	0.32%	0.26%	0.20%	0.14%
6.30%	6.03%	5.50%	4.97%	4.44%	3.91%	3.38%	2.85%	2.32%	1.79%	1.26%
11.79%	11.42%	10.67%	9.93%	9.18%	8.44%	7.70%	6.95%	6.21%	5.46%	4.72%
0.25%	0.24%	0.22%	0.20%	0.18%	0.16%	0.13%	0.11%	0.09%	0.07%	0.05%
100.00%	95.73%	87.19%	78.66%	70.12%	61.58%	53.04%	44.50%	35.97%	27.43%	18.89%
100%	96%	87%	79%	70%	62%	53%	45%	36%	27%	19%

Table D-13 Residual Value-Added After Loss of Capacity--Oil Supply Lifeline

0%	10%	20%	30%	40%	50%	60%	70%	80%	90%	100%
0.45%	0.44%	0.42%	0.39%	0.37%	0.35%	0.32%	0.30%	0.27%	0.25%	0.23%
1.06%	1.01%	0.93%	0.84%	0.75%	0.66%	0.57%	0.48%	0.39%	0.30%	0.21%
0.11%	0.11%	0.10%	0.09%	0.08%	0.07%	0.06%	0.05%	0.04%	0.03%	0.02%
3.89%	3.70%	3.34%	2.97%	2.60%	2.23%	1.86%	1.49%	1.13%	0.76%	0.39%
5.52%	5.26%	4.73%	4.21%	3.69%	3.17%	2.64%	2.12%	1.60%	1.07%	0.55%
2.41%	2.34%	2.22%	2.09%	1.96%	1.84%	1.71%	1.58%	1.46%	1.33%	1.20%
0.37%	0.36%	0.34%	0.32%	0.30%	0.28%	0.26%	0.25%	0.23%	0.21%	0.19%
0.73%	0.71%	0.67%	0.63%	0.59%	0.55%	0.52%	0.48%	0.44%	0.40%	0.36%
0.52%	0.50%	0.48%	0.45%	0.42%	0.39%	0.37%	0.34%	0.31%	0.29%	0.26%
0.34%	0.33%	0.31%	0.29%	0.28%	0.26%	0.24%	0.22%	0.21%	0.19%	0.17%
0.87%	0.85%	0.80%	0.76%	0.71%	0.66%	0.62%	0.57%	0.53%	0.48%	0.44%
1.31%	1.28%	1.21%	1.14%	1.07%	1.00%	0.93%	0.86%	0.79%	0.72%	0.66%
1.40%	1.37%	1.29%	1.22%	1.15%	1.07%	1.00%	0.92%	0.85%	0.78%	0.70%
0.96%	0.91%	0.81%	0.71%	0.61%	0.51%	0.41%	0.30%	0.20%	0.10%	0.00%
1.03%	1.00%	0.95%	0.89%	0.84%	0.79%	0.73%	0.68%	0.62%	0.57%	0.51%
0.12%	0.12%	0.11%	0.11%	0.10%	0.09%	0.09%	0.08%	0.07%	0.07%	0.06%
0.62%	0.60%	0.57%	0.54%	0.50%	0.47%	0.44%	0.41%	0.37%	0.34%	0.31%
1.04%	0.99%	0.89%	0.79%	0.70%	0.60%	0.50%	0.40%	0.30%	0.20%	0.10%
1.64%	1.60%	1.51%	1.42%	1.34%	1.25%	1.17%	1.08%	0.99%	0.91%	0.82%
1.56%	1.52%	1.44%	1.35%	1.27%	1.19%	1.11%	1.03%	0.94%	0.86%	0.78%
2.52%	2.46%	2.32%	2.19%	2.06%	1.92%	1.79%	1.66%	1.53%	1.39%	1.26%
2.62%	2.49%	2.25%	2.00%	1.75%	1.50%	1.25%	1.01%	0.76%	0.51%	0.26%
0.68%	0.66%	0.63%	0.59%	0.55%	0.52%	0.48%	0.45%	0.41%	0.38%	0.34%
0.69%	0.67%	0.63%	0.60%	0.56%	0.52%	0.49%	0.45%	0.42%	0.38%	0.34%
3.46%	3.30%	2.97%	2.64%	2.31%	1.99%	1.66%	1.33%	1.00%	0.67%	0.35%
5.89%	5.73%	5.42%	5.11%	4.80%	4.49%	4.18%	3.87%	3.56%	3.25%	2.94%
5.63%	5.49%	5.19%	4.89%	4.60%	4.30%	4.00%	3.71%	3.41%	3.11%	2.82%
5.63%	5.37%	4.83%	4.30%	3.77%	3.23%	2.70%	2.16%	1.63%	1.10%	0.56%
16.64%	16.12%	15.07%	14.01%	12.96%	11.91%	10.86%	9.81%	8.76%	7.71%	6.66%
8.03%	7.78%	7.27%	6.76%	6.26%	5.75%	5.24%	4.73%	4.23%	3.72%	3.21%
2.12%	2.03%	1.85%	1.67%	1.50%	1.32%	1.14%	0.96%	0.78%	0.60%	0.42%
1.09%	1.04%	0.94%	0.84%	0.73%	0.63%	0.52%	0.42%	0.32%	0.21%	0.11%
0.70%	0.66%	0.60%	0.53%	0.47%	0.40%	0.33%	0.27%	0.20%	0.14%	0.07%
6.30%	6.23%	6.10%	5.97%	5.83%	5.70%	5.57%	5.44%	5.30%	5.17%	5.04%
11.79%	11.67%	11.42%	11.17%	10.92%	10.67%	10.43%	10.18%	9.93%	9.68%	9.43%
0.25%	0.24%	0.23%	0.22%	0.21%	0.19%	0.18%	0.17%	0.15%	0.14%	0.13%
100.00%	96.94%	90.83%	84.71%	78.60%	72.48%	66.37%	60.25%	54.14%	48.02%	41.91%
100%	97%	91%	85%	79%	72%	66%	60%	54%	48%	42%

Table D-14 Residual Value-Added After Loss of Capacity--Natural Gas Lifeline

0%	10%	20%	30%	40%	50%	60%	70%	80%	90%	100%
0.45%	0.45%	0.45%	0.44%	0.44%	0.43%	0.43%	0.42%	0.42%	0.41%	0.41%
1.06%	1.04%	1.01%	0.98%	0.94%	0.91%	0.88%	0.84%	0.81%	0.77%	0.74%
0.11%	0.11%	0.11%	0.10%	0.10%	0.09%	0.09%	0.09%	0.08%	0.08%	0.08%
3.89%	3.87%	3.83%	3.73%	3.75%	3.70%	3.66%	3.62%	3.58%	3.54%	3.50%
5.52%	5.52%	5.52%	5.52%	5.52%	5.52%	5.52%	5.52%	5.52%	5.52%	5.52%
2.41%	2.37%	2.31%	2.25%	2.18%	2.12%	2.06%	1.99%	1.93%	1.87%	1.80%
0.37%	0.37%	0.36%	0.35%	0.35%	0.34%	0.33%	0.32%	0.31%	0.31%	0.30%
0.73%	0.72%	0.70%	0.69%	0.67%	0.66%	0.64%	0.63%	0.61%	0.60%	0.58%
0.52%	0.51%	0.50%	0.49%	0.48%	0.47%	0.46%	0.45%	0.43%	0.42%	0.41%
0.34%	0.34%	0.33%	0.32%	0.31%	0.31%	0.30%	0.29%	0.29%	0.28%	0.27%
0.87%	0.85%	0.82%	0.78%	0.74%	0.71%	0.67%	0.63%	0.60%	0.56%	0.52%
1.31%	1.30%	1.27%	1.24%	1.22%	1.19%	1.16%	1.13%	1.10%	1.08%	1.05%
1.40%	1.34%	1.20%	1.07%	0.94%	0.81%	0.67%	0.54%	0.41%	0.27%	0.14%
0.96%	0.94%	0.89%	0.84%	0.79%	0.73%	0.68%	0.63%	0.58%	0.53%	0.48%
1.03%	1.00%	0.95%	0.89%	0.84%	0.79%	0.73%	0.68%	0.62%	0.57%	0.51%
0.12%	0.12%	0.12%	0.12%	0.11%	0.11%	0.11%	0.11%	0.10%	0.10%	0.10%
0.62%	0.60%	0.57%	0.54%	0.50%	0.47%	0.44%	0.41%	0.37%	0.34%	0.31%
1.04%	1.01%	0.96%	0.90%	0.85%	0.79%	0.74%	0.68%	0.63%	0.58%	0.52%
1.64%	1.60%	1.51%	1.42%	1.34%	1.25%	1.17%	1.08%	0.99%	0.91%	0.82%
1.56%	1.52%	1.44%	1.35%	1.27%	1.19%	1.11%	1.03%	0.94%	0.86%	0.78%
2.52%	2.46%	2.32%	2.19%	2.06%	1.92%	1.79%	1.66%	1.53%	1.39%	1.26%
2.62%	2.55%	2.41%	2.27%	2.14%	2.00%	1.86%	1.72%	1.59%	1.45%	1.31%
0.68%	0.65%	0.60%	0.55%	0.49%	0.44%	0.38%	0.33%	0.28%	0.22%	0.17%
0.69%	0.67%	0.63%	0.60%	0.56%	0.52%	0.49%	0.45%	0.42%	0.38%	0.34%
3.46%	3.46%	3.46%	3.46%	3.46%	3.46%	3.46%	3.46%	3.46%	3.46%	3.46%
5.89%	5.76%	5.51%	5.27%	5.02%	4.77%	4.52%	4.28%	4.03%	3.78%	3.53%
5.63%	5.60%	5.54%	5.49%	5.43%	5.37%	5.31%	5.25%	5.19%	5.13%	5.07%
5.63%	5.57%	5.46%	5.34%	5.22%	5.10%	4.98%	4.86%	4.74%	4.63%	4.51%
16.64%	16.47%	16.12%	15.77%	15.42%	15.07%	14.72%	14.36%	14.01%	13.66%	13.31%
8.03%	7.95%	7.78%	7.61%	7.44%	7.27%	7.10%	6.93%	6.76%	6.59%	6.42%
2.12%	2.08%	1.99%	1.90%	1.81%	1.72%	1.63%	1.54%	1.45%	1.36%	1.27%
1.09%	1.09%	1.09%	1.08%	1.07%	1.07%	1.06%	1.06%	1.05%	1.05%	1.04%
0.70%	0.68%	0.65%	0.62%	0.59%	0.56%	0.54%	0.51%	0.48%	0.45%	0.42%
6.30%	6.23%	6.10%	5.97%	5.83%	5.70%	5.57%	5.44%	5.30%	5.17%	5.04%
11.79%	11.67%	11.42%	11.17%	10.92%	10.67%	10.43%	10.18%	9.93%	9.68%	9.43%
0.25%	0.25%	0.24%	0.23%	0.22%	0.21%	0.20%	0.19%	0.18%	0.17%	0.16%
100.00%	98.72%	96.15%	93.58%	91.01%	88.45%	85.88%	83.31%	80.74%	78.17%	75.61%
100%	99%	96%	94%	91%	88%	86%	83%	81%	78%	76%

Table D-15 Residual Value-Added After Loss of Capacity--Highways Lifeline

0%	10%	20%	30%	40%	50%	60%	70%	80%	90%	100%
0.45%	0.44%	0.42%	0.39%	0.37%	0.35%	0.32%	0.30%	0.27%	0.25%	0.23%
1.06%	1.01%	0.93%	0.84%	0.75%	0.66%	0.57%	0.48%	0.39%	0.30%	0.21%
0.11%	0.11%	0.10%	0.09%	0.08%	0.07%	0.06%	0.05%	0.04%	0.03%	0.02%
3.89%	3.82%	3.67%	3.53%	3.39%	3.24%	3.10%	2.96%	2.81%	2.67%	2.53%
5.52%	5.40%	5.17%	4.94%	4.71%	4.47%	4.24%	4.01%	3.78%	3.54%	3.31%
2.41%	2.31%	2.10%	1.90%	1.70%	1.49%	1.29%	1.09%	0.89%	0.68%	0.48%
0.37%	0.36%	0.33%	0.30%	0.27%	0.24%	0.21%	0.18%	0.15%	0.12%	0.09%
0.73%	0.70%	0.64%	0.58%	0.53%	0.47%	0.41%	0.35%	0.30%	0.24%	0.18%
0.52%	0.49%	0.44%	0.39%	0.34%	0.30%	0.25%	0.20%	0.15%	0.10%	0.05%
0.34%	0.33%	0.30%	0.27%	0.25%	0.22%	0.19%	0.16%	0.14%	0.11%	0.08%
0.87%	0.83%	0.76%	0.69%	0.61%	0.54%	0.47%	0.39%	0.32%	0.25%	0.17%
1.31%	1.26%	1.16%	1.05%	0.95%	0.85%	0.74%	0.64%	0.54%	0.43%	0.33%
1.40%	1.34%	1.23%	1.11%	0.99%	0.87%	0.75%	0.64%	0.52%	0.40%	0.28%
0.96%	0.92%	0.83%	0.73%	0.64%	0.55%	0.46%	0.37%	0.28%	0.19%	0.10%
1.03%	0.99%	0.91%	0.83%	0.75%	0.66%	0.58%	0.50%	0.42%	0.34%	0.26%
0.12%	0.12%	0.11%	0.10%	0.09%	0.08%	0.07%	0.06%	0.05%	0.04%	0.03%
0.62%	0.59%	0.54%	0.50%	0.45%	0.40%	0.35%	0.30%	0.25%	0.20%	0.15%
1.04%	1.00%	0.91%	0.82%	0.73%	0.65%	0.56%	0.47%	0.38%	0.30%	0.21%
1.64%	1.57%	1.43%	1.30%	1.16%	1.02%	0.88%	0.74%	0.60%	0.47%	0.33%
1.56%	1.49%	1.36%	1.23%	1.10%	0.97%	0.84%	0.71%	0.57%	0.44%	0.31%
2.52%	2.42%	2.22%	2.02%	1.83%	1.63%	1.43%	1.23%	1.03%	0.83%	0.63%
2.62%	2.51%	2.29%	2.07%	1.85%	1.63%	1.41%	1.19%	0.96%	0.74%	0.52%
0.68%	0.65%	0.59%	0.54%	0.48%	0.42%	0.36%	0.31%	0.25%	0.19%	0.14%
0.69%	0.66%	0.61%	0.55%	0.50%	0.44%	0.39%	0.33%	0.28%	0.23%	0.17%
3.46%	3.31%	3.02%	2.73%	2.44%	2.15%	1.86%	1.57%	1.27%	0.98%	0.69%
5.89%	5.76%	5.51%	5.27%	5.02%	4.77%	4.52%	4.28%	4.03%	3.78%	3.53%
5.63%	5.43%	5.01%	4.60%	4.18%	3.77%	3.35%	2.94%	2.52%	2.11%	1.69%
5.63%	5.47%	5.14%	4.82%	4.49%	4.17%	3.84%	3.51%	3.19%	2.86%	2.54%
16.64%	16.25%	15.46%	14.67%	13.88%	13.09%	12.31%	11.52%	10.73%	9.94%	9.15%
8.03%	7.84%	7.46%	7.08%	6.70%	6.32%	5.94%	5.56%	5.18%	4.80%	4.42%
2.12%	2.06%	1.95%	1.84%	1.73%	1.62%	1.51%	1.40%	1.28%	1.17%	1.06%
1.09%	1.06%	1.00%	0.94%	0.87%	0.81%	0.75%	0.68%	0.62%	0.56%	0.49%
0.70%	0.68%	0.64%	0.60%	0.57%	0.53%	0.49%	0.46%	0.42%	0.38%	0.35%
6.30%	6.12%	5.75%	5.39%	5.02%	4.66%	4.29%	3.93%	3.56%	3.20%	2.83%
11.79%	11.60%	11.23%	10.86%	10.49%	10.12%	9.74%	9.37%	9.00%	8.63%	8.25%
0.25%	0.25%	0.24%	0.22%	0.21%	0.20%	0.19%	0.18%	0.17%	0.16%	0.15%
100.00%	97.16%	91.47%	85.79%	80.10%	74.41%	68.73%	63.04%	57.36%	51.67%	45.98%
100%	97%	91%	86%	80%	74%	69%	63%	57%	52%	46%

Table D-16 Residual Value-Added After Loss of Capacity--Railroads Lifeline

0%	10%	20%	30%	40%	50%	60%	70%	80%	90%	100%
0.45%	0.44%	0.42%	0.41%	0.39%	0.37%	0.35%	0.33%	0.31%	0.29%	0.27%
1.06%	1.04%	0.99%	0.95%	0.90%	0.86%	0.81%	0.77%	0.72%	0.68%	0.64%
0.11%	0.11%	0.10%	0.10%	0.09%	0.09%	0.08%	0.08%	0.08%	0.07%	0.07%
3.89%	3.82%	3.67%	3.53%	3.39%	3.24%	3.10%	2.96%	2.81%	2.67%	2.53%
5.52%	5.50%	5.48%	5.45%	5.42%	5.39%	5.36%	5.33%	5.30%	5.27%	5.24%
2.41%	2.38%	2.33%	2.28%	2.23%	2.18%	2.13%	2.08%	2.03%	1.98%	1.93%
0.37%	0.37%	0.36%	0.35%	0.35%	0.34%	0.33%	0.32%	0.31%	0.31%	0.30%
0.73%	0.72%	0.70%	0.69%	0.67%	0.66%	0.64%	0.63%	0.61%	0.60%	0.58%
0.52%	0.50%	0.48%	0.46%	0.44%	0.42%	0.40%	0.37%	0.35%	0.33%	0.31%
0.34%	0.34%	0.33%	0.32%	0.31%	0.31%	0.30%	0.29%	0.29%	0.28%	0.27%
0.87%	0.85%	0.81%	0.77%	0.73%	0.69%	0.64%	0.60%	0.56%	0.52%	0.48%
1.31%	1.30%	1.27%	1.24%	1.22%	1.19%	1.16%	1.13%	1.10%	1.08%	1.05%
1.40%	1.39%	1.36%	1.33%	1.30%	1.27%	1.24%	1.21%	1.18%	1.15%	1.12%
0.96%	0.94%	0.90%	0.86%	0.82%	0.78%	0.74%	0.70%	0.66%	0.62%	0.58%
1.03%	1.02%	1.00%	0.98%	0.95%	0.93%	0.91%	0.89%	0.87%	0.85%	0.82%
0.12%	0.12%	0.12%	0.12%	0.11%	0.11%	0.11%	0.11%	0.10%	0.10%	0.10%
0.62%	0.61%	0.60%	0.59%	0.57%	0.56%	0.55%	0.53%	0.52%	0.51%	0.49%
1.04%	1.01%	0.96%	0.90%	0.85%	0.79%	0.74%	0.68%	0.63%	0.58%	0.52%
1.64%	1.60%	1.52%	1.45%	1.37%	1.29%	1.21%	1.14%	1.06%	0.98%	0.90%
1.56%	1.52%	1.45%	1.38%	1.30%	1.23%	1.15%	1.08%	1.01%	0.93%	0.86%
2.52%	2.50%	2.44%	2.39%	2.34%	2.28%	2.23%	2.18%	2.12%	2.07%	2.02%
2.62%	2.56%	2.43%	2.31%	2.18%	2.06%	1.94%	1.81%	1.69%	1.56%	1.44%
0.68%	0.68%	0.67%	0.67%	0.67%	0.66%	0.66%	0.66%	0.65%	0.65%	0.65%
0.69%	0.68%	0.67%	0.65%	0.64%	0.62%	0.61%	0.59%	0.58%	0.56%	0.55%
3.46%	3.41%	3.30%	3.19%	3.08%	2.97%	2.86%	2.75%	2.64%	2.53%	2.42%
5.89%	5.89%	5.89%	5.89%	5.89%	5.89%	5.89%	5.89%	5.89%	5.89%	5.89%
5.63%	5.59%	5.50%	5.41%	5.32%	5.23%	5.14%	5.06%	4.97%	4.88%	4.79%
5.63%	5.57%	5.46%	5.34%	5.22%	5.10%	4.98%	4.86%	4.74%	4.63%	4.51%
16.64%	16.55%	16.38%	16.20%	16.03%	15.85%	15.68%	15.50%	15.33%	15.15%	14.98%
8.03%	7.99%	7.90%	7.82%	7.74%	7.65%	7.57%	7.48%	7.40%	7.31%	7.23%
2.12%	2.12%	2.10%	2.09%	2.08%	2.07%	2.06%	2.05%	2.04%	2.03%	2.01%
1.09%	1.09%	1.09%	1.09%	1.09%	1.09%	1.09%	1.09%	1.09%	1.09%	1.09%
0.70%	0.69%	0.69%	0.69%	0.68%	0.68%	0.68%	0.67%	0.67%	0.67%	0.66%
6.30%	6.28%	6.25%	6.22%	6.18%	6.15%	6.12%	6.08%	6.05%	6.02%	5.98%
11.79%	11.73%	11.60%	11.48%	11.36%	11.23%	11.11%	10.98%	10.86%	10.74%	10.61%
0.25%	0.25%	0.25%	0.25%	0.25%	0.25%	0.25%	0.25%	0.25%	0.25%	0.25%
100.00%	99.17%	97.50%	95.83%	94.16%	92.49%	90.82%	89.15%	87.48%	85.81%	84.14%
100%	99%	97%	96%	94%	92%	91%	89%	87%	86%	84%

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Table D-18 Residual Value-Added After Loss of Capacity--Air Transportation Lifeline

0%	10%	20%	30%	40%	50%	60%	70%	80%	90%	100%
0.45%	0.45%	0.45%	0.44%	0.44%	0.43%	0.43%	0.42%	0.42%	0.41%	0.41%
1.06%	1.05%	1.04%	1.03%	1.02%	1.01%	1.00%	0.99%	0.98%	0.96%	0.95%
0.11%	0.11%	0.11%	0.11%	0.11%	0.11%	0.10%	0.10%	0.10%	0.10%	0.10%
3.89%	3.87%	3.83%	3.79%	3.75%	3.70%	3.66%	3.62%	3.58%	3.54%	3.50%
5.52%	5.52%	5.52%	5.52%	5.52%	5.52%	5.52%	5.52%	5.52%	5.52%	5.52%
2.41%	2.38%	2.33%	2.28%	2.23%	2.18%	2.13%	2.08%	2.03%	1.98%	1.93%
0.37%	0.37%	0.36%	0.35%	0.35%	0.34%	0.33%	0.32%	0.31%	0.31%	0.30%
0.73%	0.72%	0.70%	0.69%	0.67%	0.66%	0.64%	0.63%	0.61%	0.60%	0.58%
0.52%	0.51%	0.50%	0.49%	0.48%	0.47%	0.46%	0.45%	0.43%	0.42%	0.41%
0.34%	0.34%	0.33%	0.32%	0.31%	0.31%	0.30%	0.29%	0.29%	0.28%	0.27%
0.87%	0.87%	0.86%	0.85%	0.84%	0.83%	0.82%	0.81%	0.80%	0.79%	0.78%
1.31%	1.30%	1.27%	1.24%	1.22%	1.19%	1.16%	1.13%	1.10%	1.08%	1.05%
1.40%	1.39%	1.36%	1.33%	1.30%	1.27%	1.24%	1.21%	1.18%	1.15%	1.12%
0.96%	0.96%	0.96%	0.96%	0.96%	0.96%	0.96%	0.96%	0.96%	0.96%	0.96%
1.03%	1.02%	1.00%	0.98%	0.95%	0.93%	0.91%	0.89%	0.87%	0.85%	0.82%
0.12%	0.12%	0.12%	0.12%	0.11%	0.11%	0.11%	0.11%	0.10%	0.10%	0.10%
0.62%	0.61%	0.60%	0.59%	0.57%	0.56%	0.55%	0.53%	0.52%	0.51%	0.49%
1.04%	1.04%	1.02%	1.01%	1.00%	0.99%	0.98%	0.97%	0.96%	0.95%	0.94%
1.64%	1.63%	1.61%	1.60%	1.58%	1.56%	1.55%	1.53%	1.51%	1.49%	1.48%
1.56%	1.54%	1.51%	1.48%	1.45%	1.41%	1.38%	1.35%	1.31%	1.28%	1.25%
2.52%	2.48%	2.40%	2.32%	2.24%	2.16%	2.08%	2.00%	1.92%	1.85%	1.77%
2.62%	2.58%	2.49%	2.41%	2.33%	2.25%	2.16%	2.08%	2.00%	1.92%	1.83%
0.68%	0.66%	0.64%	0.61%	0.58%	0.55%	0.52%	0.49%	0.46%	0.44%	0.41%
0.69%	0.68%	0.67%	0.65%	0.64%	0.62%	0.61%	0.59%	0.58%	0.56%	0.55%
3.46%	3.41%	3.30%	3.19%	3.08%	2.97%	2.86%	2.75%	2.64%	2.53%	2.42%
5.89%	5.89%	5.89%	5.89%	5.89%	5.89%	5.89%	5.89%	5.89%	5.89%	5.89%
5.63%	5.57%	5.46%	5.34%	5.22%	5.10%	4.98%	4.86%	4.74%	4.63%	4.51%
5.63%	5.57%	5.46%	5.34%	5.22%	5.10%	4.98%	4.86%	4.74%	4.63%	4.51%
16.64%	16.47%	16.12%	15.77%	15.42%	15.07%	14.72%	14.36%	14.01%	13.66%	13.31%
8.03%	7.95%	7.78%	7.61%	7.44%	7.27%	7.10%	6.93%	6.76%	6.59%	6.42%
2.12%	2.08%	1.99%	1.90%	1.81%	1.72%	1.63%	1.54%	1.45%	1.36%	1.27%
1.09%	1.09%	1.09%	1.09%	1.09%	1.09%	1.09%	1.09%	1.09%	1.09%	1.09%
0.70%	0.68%	0.65%	0.62%	0.59%	0.56%	0.54%	0.51%	0.48%	0.45%	0.42%
6.30%	6.27%	6.20%	6.13%	6.07%	6.00%	5.93%	5.87%	5.80%	5.73%	5.67%
11.79%	11.67%	11.42%	11.17%	10.92%	10.67%	10.43%	10.18%	9.93%	9.68%	9.43%
0.25%	0.25%	0.25%	0.25%	0.25%	0.25%	0.25%	0.25%	0.25%	0.25%	0.25%
100.00%	99.09%	97.27%	95.45%	93.63%	91.81%	90.00%	88.18%	86.36%	84.54%	82.72%
100%	99%	97%	95%	94%	92%	90%	88%	86%	85%	83%

Table D-19 Residual Value-Added After Loss of Capacity--Water Transportation Lifeline (Ports)

0%	10%	20%	30%	40%	50%	60%	70%	80%	90%	100%
0.45%	0.44%	0.42%	0.41%	0.39%	0.37%	0.35%	0.33%	0.31%	0.29%	0.27%
1.06%	1.04%	0.99%	0.95%	0.90%	0.86%	0.81%	0.77%	0.72%	0.68%	0.64%
0.11%	0.11%	0.10%	0.10%	0.09%	0.09%	0.08%	0.08%	0.08%	0.07%	0.07%
3.89%	3.85%	3.77%	3.68%	3.60%	3.52%	3.44%	3.36%	3.27%	3.19%	3.11%
5.52%	5.46%	5.34%	5.23%	5.11%	5.00%	4.88%	4.76%	4.65%	4.53%	4.42%
2.41%	2.38%	2.33%	2.28%	2.23%	2.18%	2.13%	2.08%	2.03%	1.98%	1.93%
0.37%	0.37%	0.36%	0.35%	0.35%	0.34%	0.33%	0.32%	0.31%	0.31%	0.30%
0.73%	0.72%	0.70%	0.69%	0.67%	0.66%	0.64%	0.63%	0.61%	0.60%	0.58%
0.52%	0.51%	0.50%	0.49%	0.48%	0.47%	0.46%	0.45%	0.43%	0.42%	0.41%
0.34%	0.34%	0.33%	0.32%	0.31%	0.31%	0.30%	0.29%	0.29%	0.28%	0.27%
0.87%	0.86%	0.83%	0.80%	0.77%	0.75%	0.72%	0.69%	0.66%	0.64%	0.61%
1.31%	1.30%	1.27%	1.24%	1.22%	1.19%	1.16%	1.13%	1.10%	1.08%	1.05%
1.40%	1.39%	1.36%	1.33%	1.30%	1.27%	1.24%	1.21%	1.18%	1.15%	1.12%
0.96%	0.92%	0.84%	0.76%	0.68%	0.60%	0.52%	0.44%	0.35%	0.27%	0.19%
1.03%	1.02%	1.00%	0.98%	0.95%	0.93%	0.91%	0.89%	0.87%	0.85%	0.82%
0.12%	0.12%	0.12%	0.12%	0.11%	0.11%	0.11%	0.11%	0.10%	0.10%	0.10%
0.62%	0.61%	0.60%	0.59%	0.57%	0.56%	0.55%	0.53%	0.52%	0.51%	0.49%
1.04%	1.03%	1.01%	0.99%	0.96%	0.94%	0.92%	0.90%	0.88%	0.85%	0.83%
1.64%	1.61%	1.56%	1.51%	1.46%	1.41%	1.36%	1.30%	1.25%	1.20%	1.15%
1.56%	1.54%	1.49%	1.44%	1.39%	1.34%	1.29%	1.24%	1.19%	1.14%	1.09%
2.52%	2.50%	2.44%	2.39%	2.34%	2.28%	2.23%	2.18%	2.12%	2.07%	2.02%
2.62%	2.58%	2.49%	2.41%	2.33%	2.25%	2.16%	2.08%	2.00%	1.92%	1.83%
0.68%	0.68%	0.67%	0.66%	0.65%	0.65%	0.64%	0.63%	0.63%	0.62%	0.61%
0.69%	0.68%	0.67%	0.65%	0.64%	0.62%	0.61%	0.59%	0.58%	0.56%	0.55%
3.46%	3.41%	3.30%	3.19%	3.08%	2.97%	2.86%	2.75%	2.64%	2.53%	2.42%
5.89%	5.89%	5.89%	5.89%	5.89%	5.89%	5.89%	5.89%	5.89%	5.89%	5.89%
5.63%	5.57%	5.46%	5.34%	5.22%	5.10%	4.98%	4.86%	4.74%	4.63%	4.51%
5.63%	5.63%	5.63%	5.63%	5.63%	5.63%	5.63%	5.63%	5.63%	5.63%	5.63%
16.64%	16.64%	16.64%	16.64%	16.64%	16.64%	16.64%	16.64%	16.64%	16.64%	16.64%
8.03%	8.03%	8.03%	8.03%	8.03%	8.03%	8.03%	8.03%	8.03%	8.03%	8.03%
2.12%	2.12%	2.12%	2.12%	2.12%	2.12%	2.12%	2.12%	2.12%	2.12%	2.12%
1.09%	1.09%	1.09%	1.09%	1.09%	1.09%	1.09%	1.09%	1.09%	1.09%	1.09%
0.70%	0.70%	0.70%	0.70%	0.70%	0.70%	0.70%	0.70%	0.70%	0.70%	0.70%
6.30%	6.30%	6.30%	6.30%	6.30%	6.30%	6.30%	6.30%	6.30%	6.30%	6.30%
11.79%	11.79%	11.79%	11.79%	11.79%	11.79%	11.79%	11.79%	11.79%	11.79%	11.79%
0.25%	0.25%	0.25%	0.25%	0.25%	0.25%	0.25%	0.25%	0.25%	0.25%	0.25%
100.00%	99.47%	98.40%	97.33%	96.26%	95.19%	94.12%	93.05%	91.98%	90.91%	89.84%
100%	99%	98%	97%	96%	95%	94%	93%	92%	91%	90%

Table D-20 Residual Value-Added After Loss of Capacity--Telephone Lifeline

0%	10%	20%	30%	40%	50%	60%	70%	80%	90%	100%
0.45%	0.45%	0.44%	0.43%	0.42%	0.41%	0.40%	0.39%	0.38%	0.37%	0.36%
1.06%	1.05%	1.03%	1.00%	0.98%	0.96%	0.94%	0.91%	0.89%	0.87%	0.85%
0.11%	0.11%	0.11%	0.10%	0.10%	0.10%	0.10%	0.10%	0.09%	0.09%	0.09%
3.89%	3.87%	3.83%	3.79%	3.75%	3.70%	3.66%	3.62%	3.58%	3.54%	3.50%
5.52%	5.49%	5.43%	5.37%	5.32%	5.26%	5.20%	5.14%	5.08%	5.03%	4.97%
2.41%	2.39%	2.35%	2.31%	2.27%	2.24%	2.20%	2.16%	2.12%	2.08%	2.05%
0.37%	0.37%	0.36%	0.36%	0.35%	0.35%	0.34%	0.33%	0.33%	0.32%	0.32%
0.73%	0.72%	0.71%	0.70%	0.69%	0.67%	0.66%	0.65%	0.64%	0.63%	0.62%
0.52%	0.51%	0.50%	0.50%	0.49%	0.48%	0.47%	0.46%	0.45%	0.45%	0.44%
0.34%	0.34%	0.33%	0.33%	0.32%	0.31%	0.31%	0.30%	0.30%	0.29%	0.29%
0.87%	0.87%	0.86%	0.85%	0.84%	0.83%	0.82%	0.81%	0.80%	0.79%	0.78%
1.31%	1.30%	1.28%	1.26%	1.24%	1.22%	1.20%	1.18%	1.16%	1.14%	1.12%
1.40%	1.39%	1.37%	1.35%	1.33%	1.30%	1.28%	1.26%	1.24%	1.22%	1.19%
0.96%	0.96%	0.95%	0.94%	0.93%	0.92%	0.91%	0.90%	0.89%	0.88%	0.87%
1.03%	1.02%	1.01%	0.99%	0.97%	0.96%	0.94%	0.92%	0.91%	0.89%	0.88%
0.12%	0.12%	0.12%	0.12%	0.12%	0.11%	0.11%	0.11%	0.11%	0.11%	0.10%
0.62%	0.61%	0.60%	0.59%	0.58%	0.57%	0.56%	0.55%	0.54%	0.54%	0.53%
1.04%	1.03%	1.02%	1.00%	0.98%	0.97%	0.95%	0.93%	0.92%	0.90%	0.88%
1.64%	1.63%	1.61%	1.60%	1.58%	1.56%	1.55%	1.53%	1.51%	1.49%	1.48%
1.56%	1.55%	1.54%	1.52%	1.50%	1.49%	1.47%	1.45%	1.44%	1.42%	1.40%
2.52%	2.50%	2.46%	2.42%	2.38%	2.34%	2.30%	2.26%	2.22%	2.18%	2.14%
2.62%	2.61%	2.58%	2.55%	2.52%	2.49%	2.47%	2.44%	2.41%	2.38%	2.36%
0.68%	0.67%	0.65%	0.63%	0.60%	0.58%	0.56%	0.54%	0.52%	0.50%	0.48%
0.69%	0.68%	0.67%	0.66%	0.65%	0.64%	0.63%	0.62%	0.61%	0.60%	0.58%
3.46%	3.41%	3.30%	3.19%	3.08%	2.97%	2.86%	2.75%	2.64%	2.53%	2.42%
5.89%	5.79%	5.61%	5.42%	5.24%	5.05%	4.86%	4.68%	4.49%	4.31%	4.12%
5.63%	5.49%	5.19%	4.89%	4.60%	4.30%	4.00%	3.71%	3.41%	3.11%	2.82%
5.63%	5.49%	5.19%	4.89%	4.60%	4.30%	4.00%	3.71%	3.41%	3.11%	2.82%
16.64%	16.12%	15.07%	14.01%	12.96%	11.91%	10.86%	9.81%	8.76%	7.71%	6.66%
8.03%	7.86%	7.52%	7.19%	6.85%	6.51%	6.17%	5.83%	5.49%	5.16%	4.82%
2.12%	2.08%	1.99%	1.90%	1.81%	1.72%	1.63%	1.54%	1.45%	1.36%	1.27%
1.09%	1.07%	1.03%	0.98%	0.93%	0.89%	0.84%	0.80%	0.75%	0.70%	0.66%
0.70%	0.68%	0.65%	0.62%	0.59%	0.56%	0.54%	0.51%	0.48%	0.45%	0.42%
6.30%	6.25%	6.15%	6.05%	5.95%	5.85%	5.75%	5.65%	5.55%	5.45%	5.35%
11.79%	11.67%	11.42%	11.17%	10.92%	10.67%	10.43%	10.18%	9.93%	9.68%	9.43%
0.25%	0.25%	0.24%	0.24%	0.23%	0.23%	0.22%	0.22%	0.21%	0.21%	0.20%
100.00%	98.38%	95.14%	91.91%	88.67%	85.43%	82.20%	78.96%	75.72%	72.48%	69.25%
100%	98%	95%	92%	89%	85%	82%	79%	76%	72%	69%

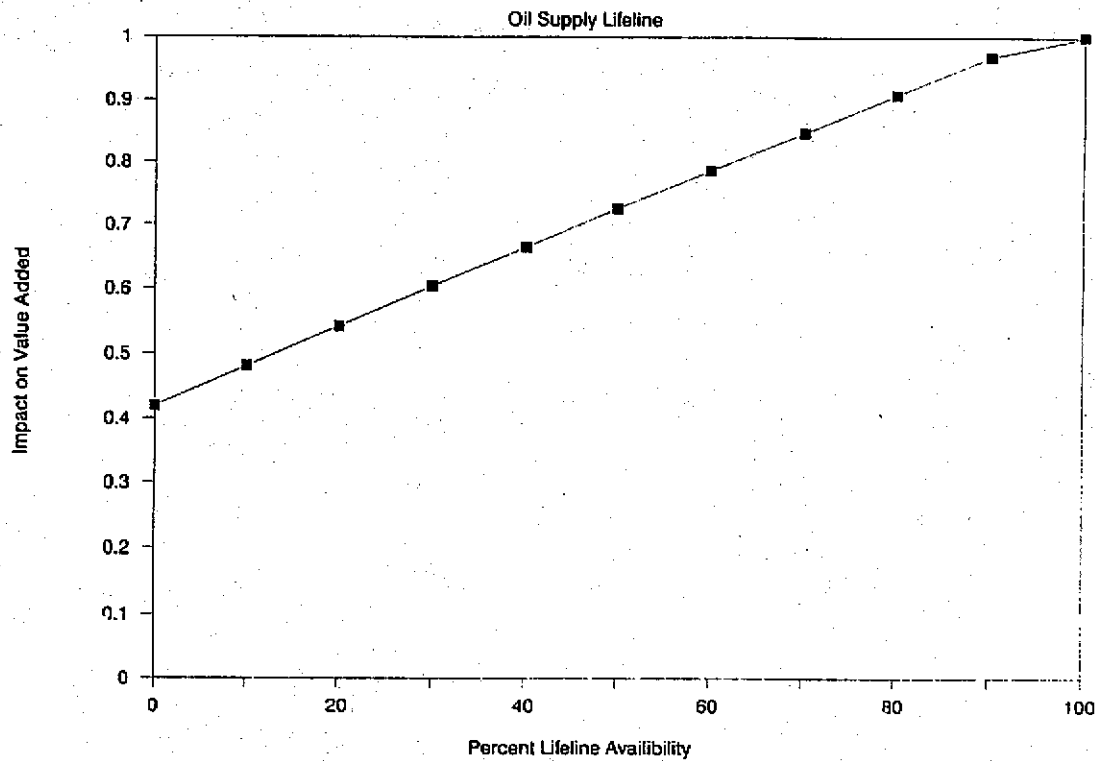


Figure D-1 Residual Value Added as a Function of Oil Supply Lifeline Residual Capacity.

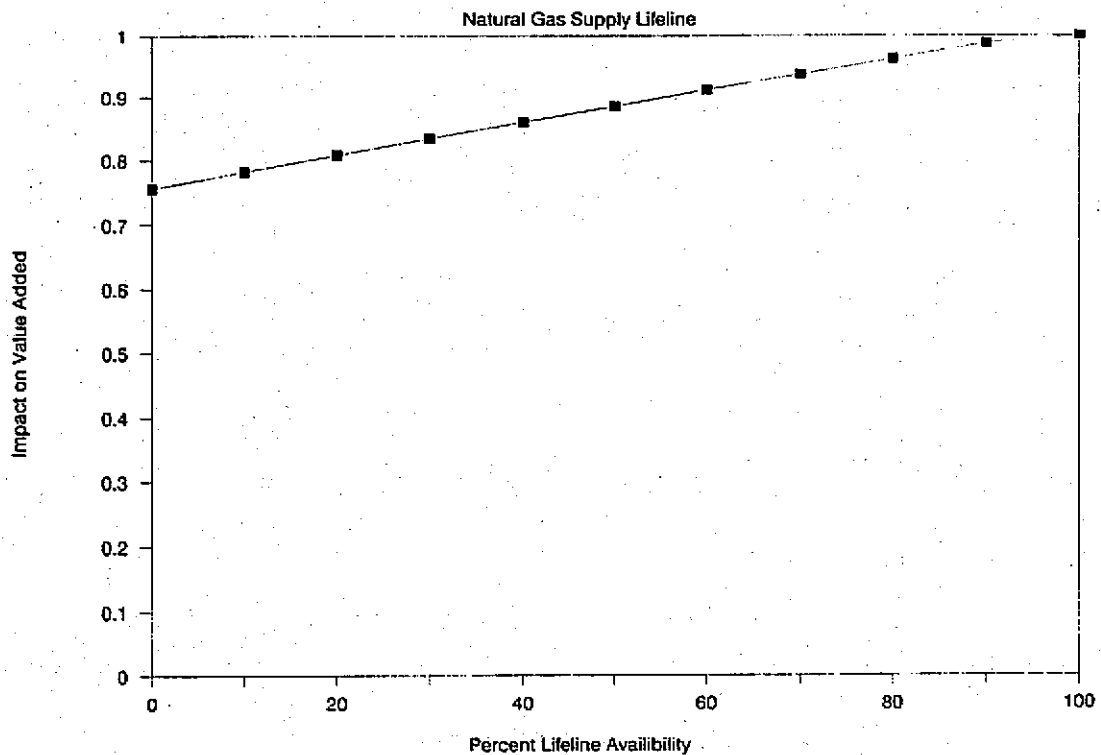


Figure D-2 Residual Value Added as a Function of Natural Gas Supply Lifeline Residual Capacity.

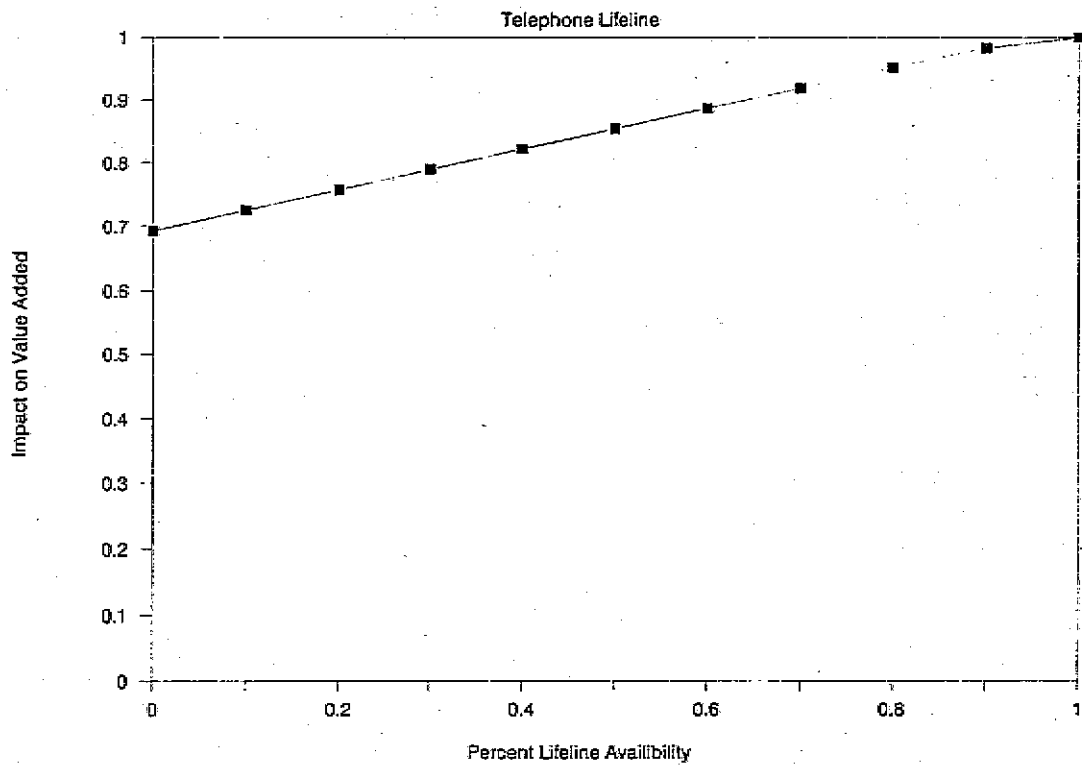


Figure D-3 Residual Value Added as a Function of Telephone Lifeline Residual Capacity.

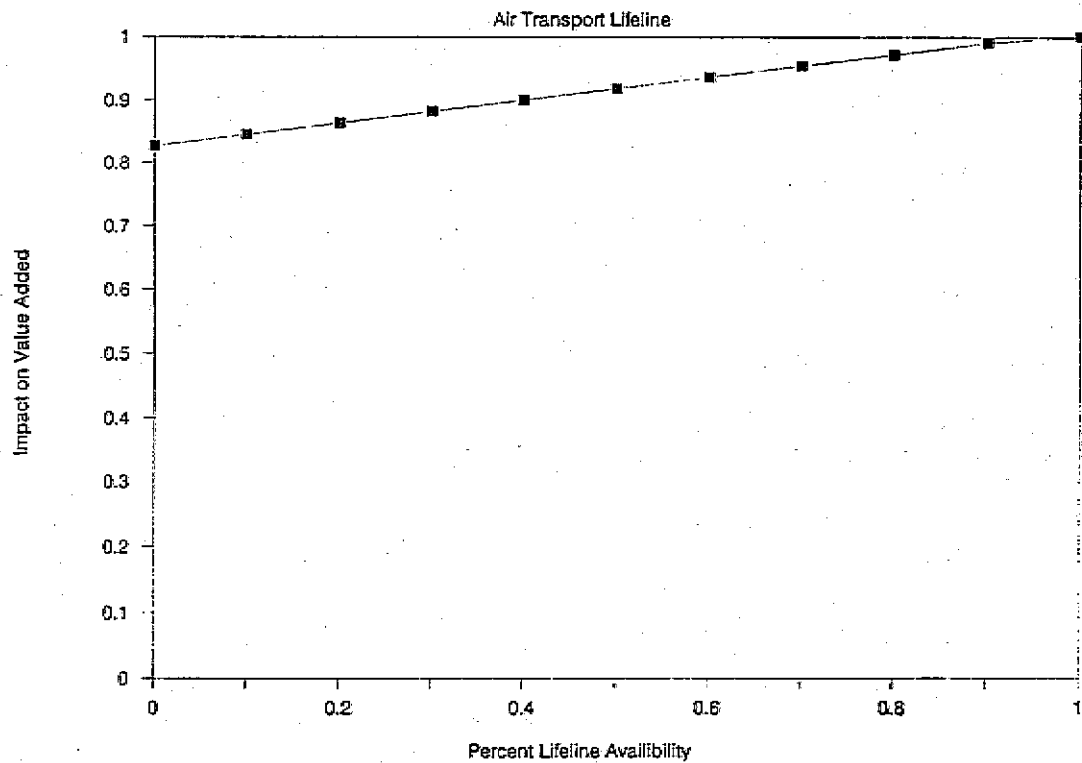


Figure D-4 Residual Value Added as a Function of Air Transportation Lifeline Residual Capacity.

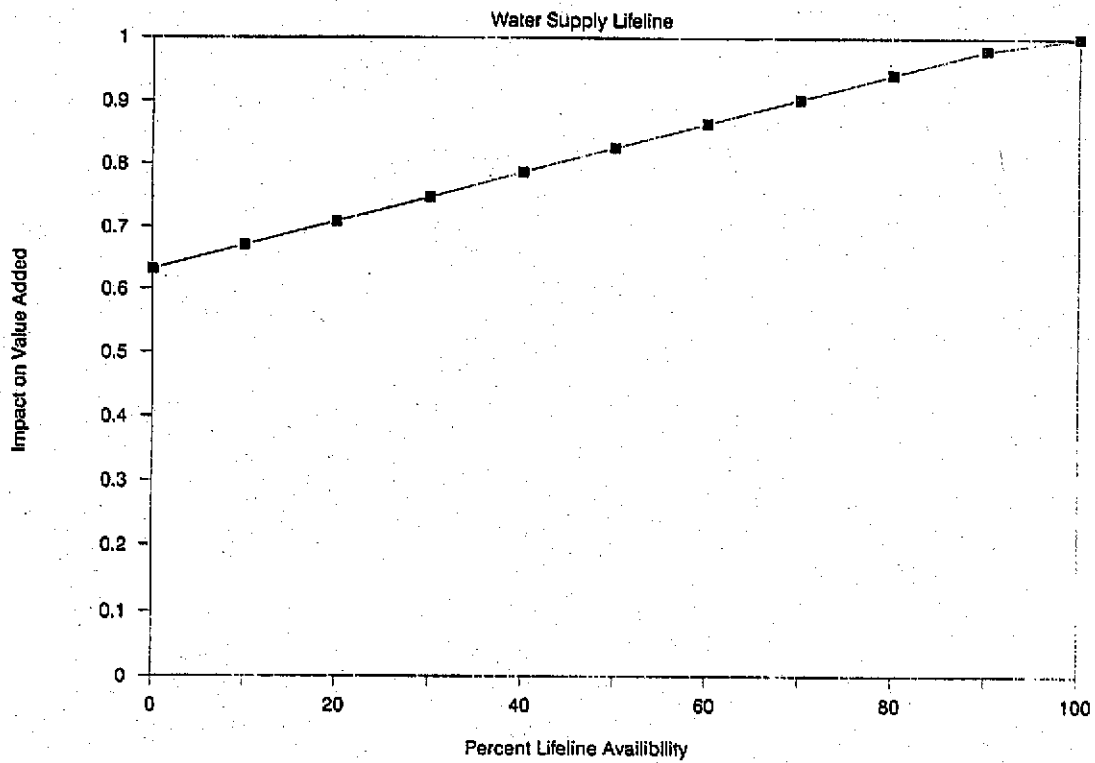


Figure D-5 Residual Value Added as a Function of Water Supply Lifeline Residual Capacity.

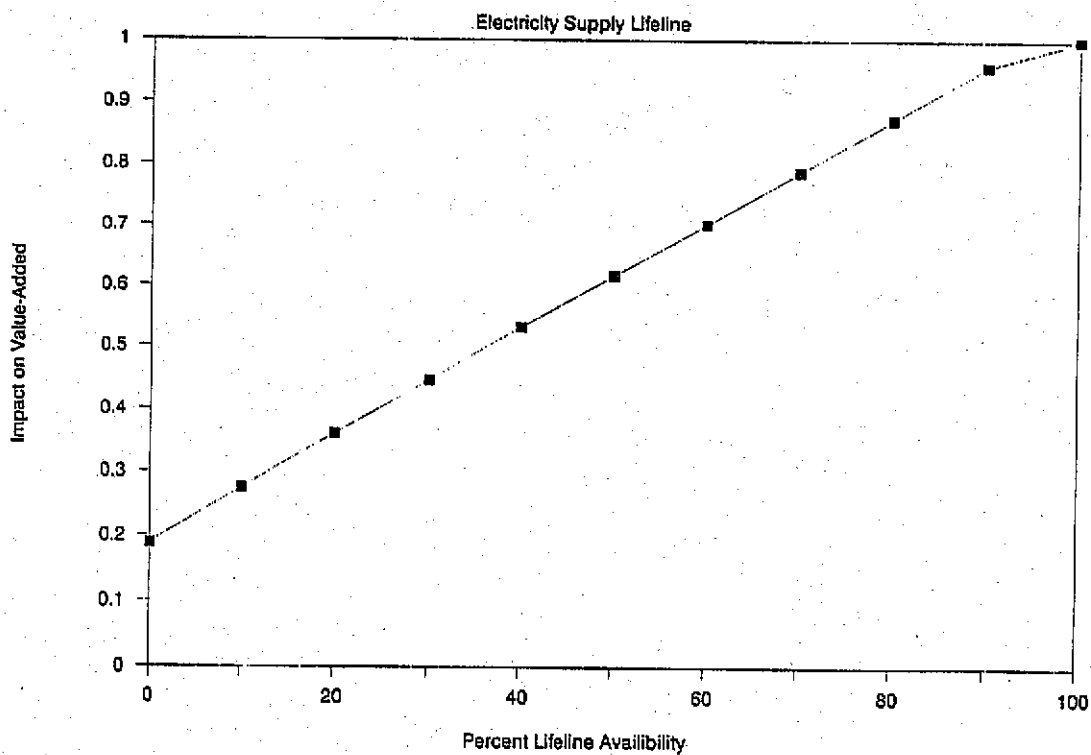


Figure D-6 Residual Value Added as a Function of Electric Lifeline Residual Capacity.

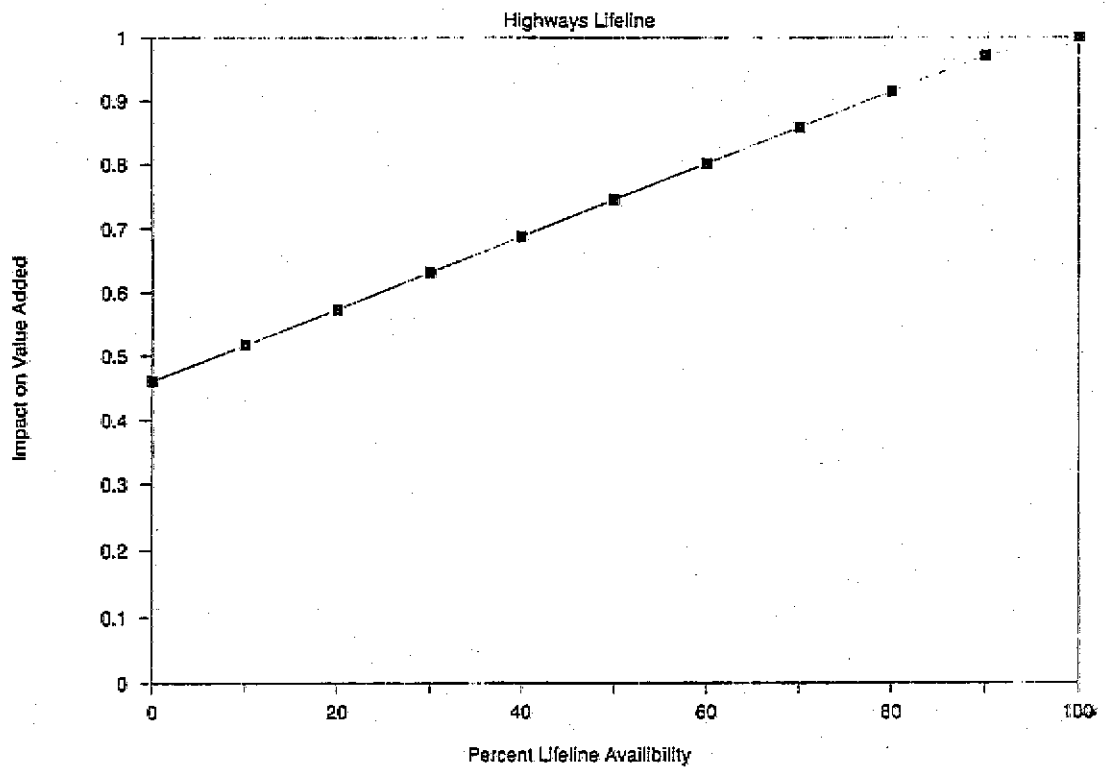


Figure D-7 Residual Value Added as a Function of Highway Lifeline Residual Capacity.

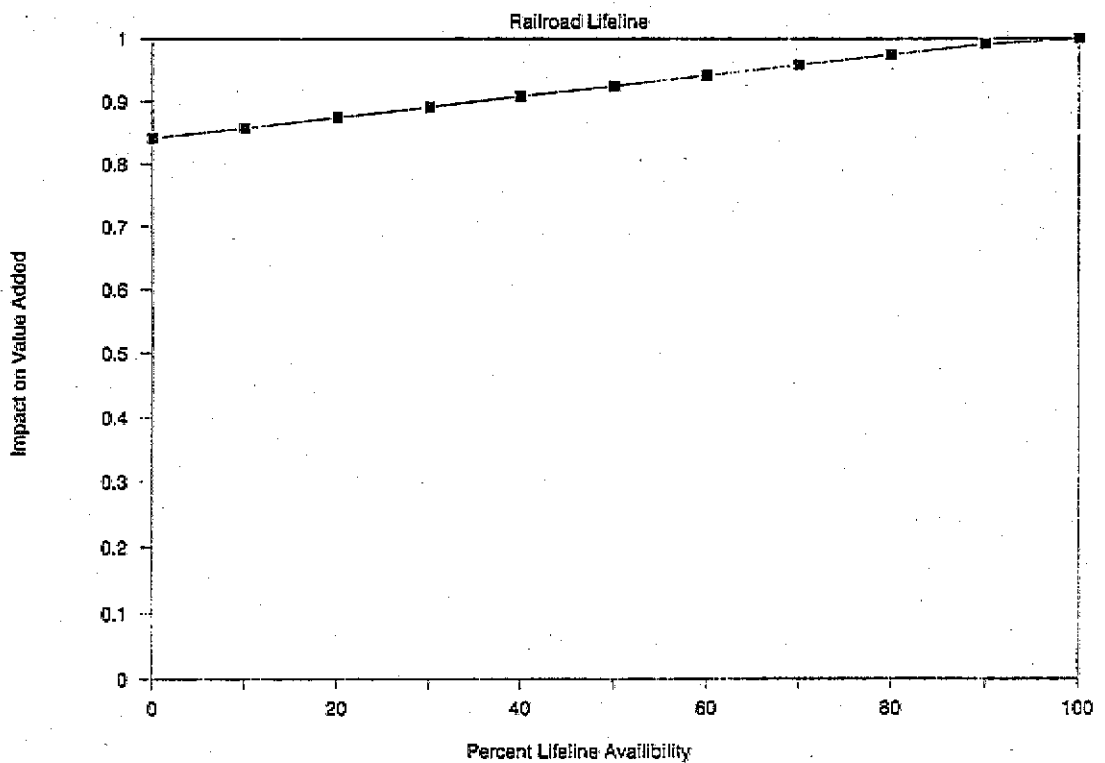


Figure D-8 Residual Value Added as a Function of Railroad Lifeline Residual Capacity.

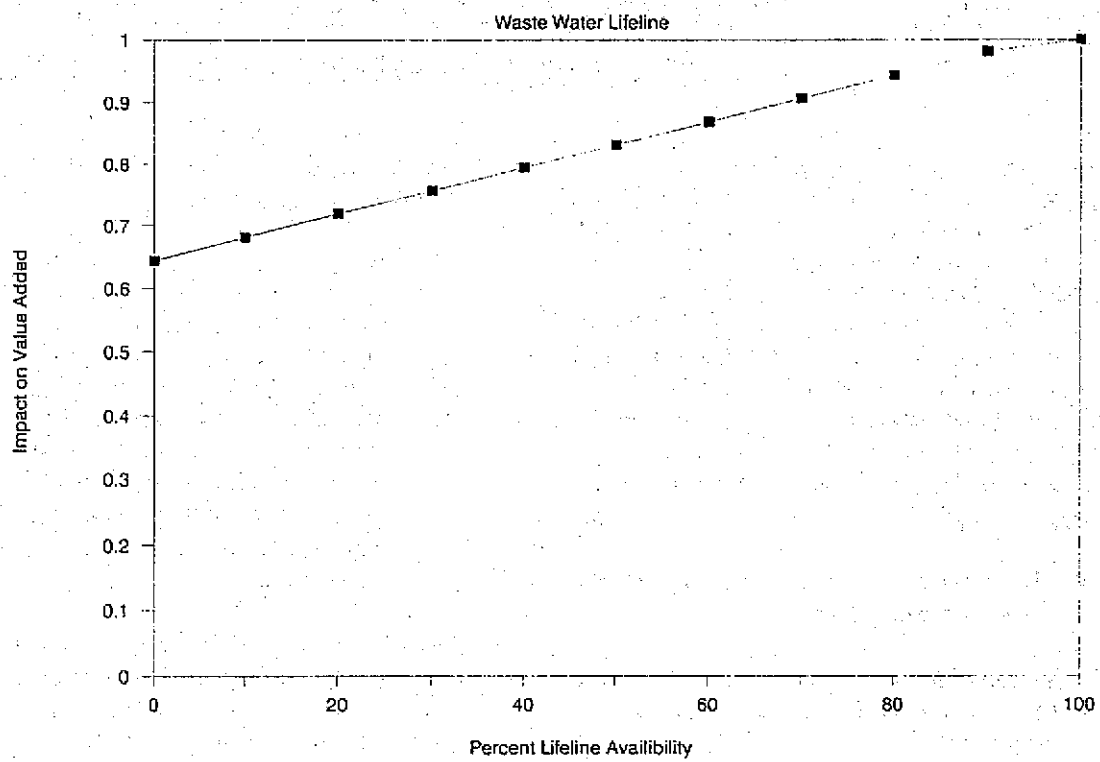


Figure D-9 Residual Value Added as a Function of Sanitary Sewer Lifeline Residual Capacity.